Lancaster Farming

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The A, B, C's of Swap Shop

It's easy as "A, B, C" to get involved in the Dairy Product Promotion Swap Shop.

A stands for "Air" and that's where a Lebanon County dairyman is taking his dairy promotion. Besides the adjoining photo, look for his high-flying story in the A Section.

B represents banks – and one up in Schaefferstown is into milk promotion in a refreshing way. Turn to Page A10.

C means cooperation. A writer from Chambersburg wants some practical cooperation from the ADA to help promote milk. Her request in on Page A10, too.

If you have any Dairy Product Promotion Swap Shop ideas, send them to:

Dairy Product Promotion Swap Shop
Lancaster Farming
P.O. Box 366
Lititz, Pa. 17543

Blue mold closer

LANCASTER — Blue mold is getting closer and closer to Lancaster County.

Claude McKee, tobacco specialist in Maryland, this week informed his Pa. counterpart, John Yocum, at the Penn State Southeast Research Farm that blue mold has been found in an untreated Md. seedbed.

Yocum urges that Ridomil treatments be kept up-to-date in both beds and in the fields preparatory to planting.

Getting high on milk promotion

He soars during chores

Grange seeks Johne's funding

BY TRISH WILLIAMS

HARRISBURG — An informative seminar on Johne's disease was conducted Monday by the Pennsylavania State Grange in attempt to create more awareness of this chronic infectious disease that is now being diagnosed at an alarming rate in dairy cattle throughout the country. There is presently no known cure for this contageous disease. The Grange is trying to create better public awareness of the extend and damages of the disease in order to gain support for needed Johne's disease research.

Dairymen and representatives from the State Senate and House of Representatives in attendance were informed about the current status of the disease in Pennsylvania by veterinarians from the Pa. Dept of Agriculture and the University of Pennsylvania's large animal research center, New Bolton Center, in Kennett Square.

The Grange spurred by its dairymen members concerned about the incidence of the disease in Pennsylvania approached researchers at New Bolton Center on April 20 to request that they consider doing Johne's disease research. Researchers there had already been planning such a research project, with the interest and support shown by the Grange, they were able to expand and have ready a concrete research proposal 30 days later.

Dr. Robert Whitlock and Dr. John Fetrow of the University of Pennsylvania Veterinary School gave details of the research proposal. The research will be conducted over a three year period and will require $115,000 per year for three years to fund.

State Grange Master Charles Wismer, Jr. said the Council of Farm Organizations plans to make the request for funding the research by introducing it to the legislature as a line item on the budget of the Pennsylvania Department of Agriculture.

Senator Sam Morris, chairman

(Turn to Page A32)

Storms hit farm areas

MIFFLINBURG — Severe pre-summer storms with high winds, drenching rain and heavy hail have caused extensive damage in agricultural areas of Central Pennsylvania and New Jersey.

In the Mifflinburg area of Union County in Pennsylvania, the Paul Zimmerman farm, which was just opening a new fruit and vegetable market, sustained extensive damages to numerous produce crops.

And, in the Flemington-Ringoes areas of Hunterdon County, N.J., metal sheds on a number of farms were torn apart by the storm.

In the Union County storm, farm rain gauges were overflowing with some four inches from the storm that hit Monday evening. The bulk of the precipitation – both rain and hail – fell between 7 and 8 p.m.

"We just started picking strawberries earlier Monday and had a half-bushel of sugar peas in," explains Mrs. Zimmerman, of Mifflinburg.

"And now, there's nothing more of them."

Friends and neighbors gathered at the Zimmerman farm this week to help with cleanup, rebuilding and spraying. The family was also receiving offers of plants from greenhouses and other growers.

"We had outgrown selling out of our garage and had built the new

(Turn to Page A27)

It's ag happening at Keister's Market

BY DICK ANGLESTEIN

MIDDLEBURG — It's becoming a regular mouth-watering, tummy-stuffing, foot-stomping ag happening up in Snyder County.

And on Tuesday some 21,000 people jammed Keister's Auction to celebrate the happening – the second annual Pa. Ag Promotion.

"Why, this is as crowded as the Bloomsburg Fair," commented more than one person as they elbowed their way through the mob of people.

And, if you've ever been to the Bloomsburg Fair, you know that's the ultimate in compliments about attendance.

There was plenty of ag for everyone to celebrate – particularly the eatin' kind.

There was enough food to please the fussiest of Pa. Dutch gourmets. Just start with the apple juice, work your way through a mess of barbecued ribs or chicken and end up with apple fritters and maple syrup.

If that menu didn't meet your epicurean needs, there was a score or more of good eatin' items to pick from. And they all came out of Pennsylvania fields and orchards.

Commodity princesses patrolled the "midways" to remind everyone of the bounty and

(Turn to Page A20)

Daddario brothers pick and grin (?) at Keister's Pa. Ag Promotion.

Livestock market and auction news

Lancaster Market

Monday, June 6
Report Supplied By USDA

	Cattle	Calves	Hogs	Sheep
Today	2008	99	794	470
Last Monday	926	53	1132	348
Last Year	1390	111	1284	314
Monday's Auction	1972	121	793	483
Last Monday's Auction	877	92	1135	352

CATTLE: Compared to last Wednesday slaughter steers 50, instances 1.00 higher; heifers 50-1.00 higher; cows 50-1.00 higher, instances 2.00 higher on Canner and Cutter; bullocks steady; bulls 1.00-1.50 higher. Supply included 82% steers, 5% heifers, 7% cows, and 6% bulls.

SLAUGHTER STEERS: High Choice and Prime 3-4 1150-1450 lb. 67.00-69.50, one lot 69.85, few early sales 66.30-67.00; five head Choice 2 70.50-71.60; Choice 2-4 1050-1450 lb. 65.00-67.00, few 67.00-67.75; high Good and low Choice 2-3 63.00-65.50; Good 2-3 60.00-63.00; Choice 1250-1450 lb. Holsteins 57.75-60.10, Good 55.00-57.50, Standard 50.50-54.50.

SLAUGHTER HEIFERS: Couple Prime 3-4 990-1150 lb. 63.50-64.60; Choice 2-3 875-1200 lb. 60.25-63.35; Good 2-3 900-1150 lb. 54.00-58.00, few 700-850 lb. 53.00-55.00.

COWS: Utility and Commercial 1-3 46.50-48.00, few 48.50-49.50; Cutter 1-2 44.50-46.50, few 46.50-47.50; Canner and low Cutter 42.00-44.50, few 40.00-42.00.

BULLOCKS: Few Choice 1050-1250 lb. 58.60-60.10, individual 64.25; Good 1000-1350 lb. 53.25-58.00.

BULLS: Yield grade 1 1300-2000 lb. 54.75-59.00, few 59.00-61.00, five head 62.00-64.75; yield grade 2 1000-1350 lb. 50.00-55.00.

VEAL CALVES: Vealers 3.00-5.00 lower. Supply included 15 head Choice and Prime special fed 320 lb. bought to arrive at 130.00.

VEALERS: Choice 160-280 lb. 90.00-105.00, few 105.00-110.00; high Good and low Choice 160-250 lb. 75.00-90.00, 120-155 lb. 65.00-80.00, 80-115 lb. 55.00-65.00.

SLAUGHTER CALVES: Good and Choice 200-400 lb. 55.00-70.00, 400-600 lb. 50.00-60.00.

RETURNED TO FARM: Bulk 90-115 lb. Holstein bulls 80.00-100.00, few Holstein heifers 80.00-90.00.

SHEEP: Spring lambs 10.00-15.00 lower than two weeks ago; slaughter ewes mostly steady. Supply included about 110 goats sold by the head.

SPRING LAMBS: Choice and Prime 75-105 lb. 56.00-64.00, few 64.00-68.00; Good 50-90 lb. 55.00-60.00; few Choice 35-45 lb. 80.00-100.00.

SLAUGHTER EWES: Utility and Good 15.00-25.00.

GOATS: Mature goats 40.00-55.00 per head, few 55.00-60.00; kids 25.00-35.00, few 15.00-25.00.

Vintage Auction

Tuesday, June 7
Report supplied by USDA

	Cattle	Calves	Sheep	Goats
Today	1669	602	31	9
Last Tuesday	1513	649	11	7
Last Year	1445	805	29	0

CATTLE: Compared to last Tuesday slaughter steers firm to 50 higher; slaughter heifers weak to 1.00 lower; cows uneven, Cutter and Utility mostly steady instances 1.00 lower on Utility, Canner and low Cutter fully steady instances 50 higher; bulls mostly steady. Supply included 77 percent slaughter steers and 19 percent cows.

SLAUGHTER STEERS: High Choice and Prime 3-4 1175-1450 lb. 66.00-68.25, few 68.50-69.25, 10 head 69.50-72.00; Good and Choice 1-2 1125-1425 lb. 67.00-69.25, few 69.50-70.25; Choice 2-4 1000-1375 lb. 64.00-67.10, mainly 65.00-66.75; high Good and low Choice 2-3 63.00-65.50; Good 2-3 60.00-63.00; Good to mostly Choice 1300-1550 lb. Holsteins 57.00-60.00, Good 1250-1475 lb. 55.00-57.00; Standard 53.00-55.00.

SLAUGHTER HEIFERS: Choice 2-3 950-1075 lb. 60.00-62.10; Good 850-1075 lb. 54.25-59.00.

COWS: Utility and Commercial 1-3 46.00-49.00, few 49.00-49.75, couple 50.00-51.75; Cutter 1-2 44.00-47.00, few 47.00-49.00; Canner and low Cutter 42.00-43.75, few 40.00-42.00.

BULLS: Yield grade 1 1350-1900 lb. 55.00-59.00; few yield grade 2 1000-1450 lb. 50.50-54.00.

VEAL CALVES: Vealers 2.00-5.00 lower. Supply included 499 in graded sale of which 78 percent sold to return to farm.

VEALERS: Few Choice 160-265 lb. 94.00-104.00; high Good and low Choice 160-250 lb. 75.00-95.00, 120-160 lb. 68.00-78.00, 80-115 lb. 64.00-71.00, 60-80 lb. 58.00-64.00.

RETURNED TO FARM: 53 head 90-115 lb. Holstein heifers 95.00-100.00; 23 head 80-585 lb. 71.50-72.00; and 23 head small frame 90-105 lb. 73.00-75.00. 175 head 100-125 lb. Holstein bulls 98.00-104.00; 53 head 90-95 lb. 84.00-87.00; and 65 head 90-105 lb. small frame 72.00-75.00.

SHEEP: Spring lambs steady to weak; slaughter ewes fully steady.

SPRING LAMBS: Few Choice 45-70 lb. 62.00-67.00; couple Good 45-60 lb. 58.00-62.00.

SLAUGHTER EWES: Utility and Good 20.00-27.00.

GOATS: All goats sold by the head, mainly 14.00-19.00, couple 35.00-42.00.

Lancaster Auction

Wednesday, June, 8
Report supplied by USDA

	Cattle	Calves	Hogs	Sheep
Today	403	23	671	0
Last Wednesday	513	29	609	8
Last Year	602	47	940	0
Wednesday's Auction	351	23	665	0
Last Wednesday's Auction	317	24	621	6

CATTLE: Compared to Monday slaughter steers 1.00-1.50 lower; slaughter heifers not fully tested; few cows steady to 1.00 lower; bulls not fully tested. Supply included 75 percent slaughter steers.

SLAUGHTER STEERS: High Choice and Prime 3-4 1175-1520 lb. 65.35-67.00; Choice 2-4 1050-1450 lb. 64.00-66.00, few 63.00-64.00; high Good and low Choice 2-3 950-1275 lb. 62.00-63.50; Good 2-3 58.50-61.00; few Good and Choice 1250-1400 lb. Holsteins 56.35-59.50.

SLAUGHTER HEIFERS: Couple Prime 3 1050-1150 lb. 63.25-63.75; couple Choice 2-3 975-1050 lb. 59.00-61.85; few Good 2-3 900-1050 lb. 55.00-58.50.

COWS: Utility 2-3 46.00-47.25; Cutter 1-2 44.00-45.50, individual 48.75; Canner and low Cutter 40.00-42.00.

VEAL CALVES: Insufficient volume for a market test. Few high Good and low Cholice 80-110 lb. 55.00-60.00.

SHEEP: None.

New Holland Livestock

Thursday, June 9
Report supplied by USDA

	Cattle	Calves	Sheep	Goats
Today	1790	516	25	9
Last Week	1999	523	22	44
Last year	1740	500	59	34

CATTLE: Compared to last Thursday slaughter steers uneven, high Choice and Prime 1.50-2.50 lower, Choice 1100-1350 lb. steady, instances 1.00 lower, Choice 975-1100 and Good 1.00-1.50 lower; Slaughter Heifers steady to 1.00 lower; Cows 2.00-3.00 higher; Bullocks 1.00-1.50 higher; Bulls 1.00-1.50 higher. Supply included 72 percent slaughter steers, 3 percent slaughter heifers, 17 percent cows, 4 percent bulls with the balances feeders.

SLAUGHTER STEERS: High Choice and Prime 3-4 1150-1425 lb. 66.00-67.85, few 68.00-69.50; Choice 2-4 1100-1400 lb. 63.75-66.75, few 66.75-67.35, Choice 975-1100 lb. 62.50-65.50; high Good and low Choice 2-3 62.00-64.50, few to retail outlets 65.00-66.75; Good 2-3 59.00-63.00; Good and Choice 1175-1450 lb. Holsteins 57.00-58.50; Standard and Good 52.00-55.00.

SLAUGHTER HEIFERS: Choice 2-3 950-1175 lb. 59.50-62.60, couple yield grade 2 64.00-64.60; Good 2-3 925-1150 lb. 53.25-57.50.

COWS: Utility and Commercial 1-3 45.50-49.75, few 50.00-54.00; Cutter 1-2 43.85-48.50, few 48.50-50.50; Canner and Low Cutter 41.75-44.00.

BULLOCKS: Choice 1050-1350 lb. 60.00-62.50, couple 63.00-64.50; Good 1000-1325 lb. 56.00-59.75.

BULLS: Yield Grade 1 1400-2150 lb. 54.75-58.85; Yield Grade 2 1000-1375 lb. 51.50-54.75.

VEAL CALVES: Vealers 3.00-5.00 lower. Demand good for Holstein bulls to return to farm.

VEALERS: Choice 200-315 lb. 93.00-108.00, few 109.00-115.00; High Good and Low Choice 160-300 lb. 67.00-85.00, 120-155 lb. 60.00-75.00, 80-115 lb. 55.00-71.00, Standard 60-90 lb. 45.00-55.00.

RETURNED TO FARM: Bulk 95-120 lb. Holstein bulls 84.00-98.00, few 99.00-102.00, several 80-95 lb. 70.00-88.00.

SHEEP: Spring lambs steady to weak.

SPRING LAMBS: Few Choice 45-60 lb. 72.00-80.00; Good 35-65 lb. 50.00-61.00.

GOATS: All goats sold by the head, mainly 18.00-30.00, couple 46.00-50.00.

Lancaster Co. Weekly

Friday, June 10

	Cattle	Calves
This Week	6100	1250
Last Week	5243	1254
Last Year	5482	1463

CATTLE: Slaughter steers uneven, high Choice and Prime closed 1.50-2.50 lower, Choice steady to 1.00 lower with weights under 1100 lb. mostly 1.00 lower, instances 1.50 lower, Good 1.00-1.50 lower; slaughter heifers steady to 1.00 lower; cows 1.00-3.00 higher; bullocks 1.00-1.50 higher; bulls 1.00-1.50 higher; Supply included 73 percent slaughter steers, 4 percent slaughter heifers, 13 percent cows, 4 percent bulls with the balance feeders.

SLAUGHTER STEERS: High Choice and Prime 3-4 1150-1450 lb. 66.00-68.50, several early part of week 68.50-69.50; Good and Choice 1-2 1125-1400 lb. 67.50-69.25, few 69.50-71.60; Choice 2-4 1000-1425 lb. 63.75-67.00, few 67.00-67.75; choice 975-1100 lb. 62.50-65.50; high Good and low Choice 2-3 62.00-64.50, few to retail outlets 64.50-66.75; Good 2-3 59.00-63.00; Good and Choice 1175-1550 lb. Holsteins 57.00-60.10; Standard and Good 50.50-55.50.

SLAUGHTER HEIFERS: Choice 2-3 950-1150 lb. 59.00-63.50, few high Choice and Prime 3-4 990-1150 lb. 63.50-64.60; Good 2-3 900-1150 lb. 54.00-58.00, few 700-850 lb. 53.00-55.50.

COWS: Utility and Commercial 1-3 45.50-49.75, few 50.00-54.00; Cutter 1-2 43.75-48.50, few 48.50-50.50; Canner and low Cutter 41.75-44.50, few 40.00-41.75.

BULLOCKS: Choice 1050-1350 lb. 59.00-62.50, few 63.00-64.50; Good 1000-1350 lb. 53.25-59.75.

BULLS: Yield grade 1 1300-2150 lb. 54.75-59.00, few 59.00-61.00, five head 62.00-64.75; yield grade 2 1000-1375 lb. 50.00-55.00.

VEAL CALVES: Vealers 3.00-5.00 lower. Demand good for calves to return to farm.

VEALERS: 15 head Prime special fed 320 lb. 130.00; Choice 160-320 lb. 90.00-108.00, few 109.00-115.00; high Good and low Choice 160-300 lb. 67.00-90.00, 120-160 lb. 60.00-75.00, 80-115 lb. 55.00-71.00, Standard 60-90 lb. 45.00-55.00.

RETURNED TO FARM: Few 90-120 lb. Holstein heifers 95.00-100.00, 80-90 lb. 71.00-75.00; bulk 90-125 lb. Holstein bulls 84.00-104.00, several 80-95 lb. 70.00-88.00.

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10:00 A.M. — Slaughter Hogs
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FRIDAY
11:00 A.M. — Stocker and Feeder Cattle
SATURDAY
9:30 A.M. — Slaughter Hogs
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HOG MARKETS

Lancaster Hogs

Lancaster Stockyards
Monday, June 6
Report supplied by USDA

HOG: Barrows and gilts steady, instances 50 lower.

BARROWS AND GILTS: US 1-2 200-240 lb. 48.25-49.00, few 49.00-49.50. US 1 200-245 lb. 49.50-50.00. US 1-3 220-270 lb. 47.00-48.25.

SOWS: US 1-3 300-650 lb. 36.00-38.50, mainly 36.75-37.75.

Tuesday, June 7

Today	227
Last Tuesday	484
Last Year	407

TREND: Compared to Monday barrows and gilts firm to 50 higher.

BARROWS AND GILTS: US 1-2 200-240 lb. 49.00-50.00. US 1 205-245 lb. 50.00-50.50. US 1-3 220-260 lb. 48.00-49.00.

Wednesday, June 8

HOGS: Compared to Tuesday barrows and gilts fully steady

BARROWS AND GILTS: US 1-2 200-240 lb. 49.00-50.00. US 1 Few 205-245 lb. 50.00-50.50. US 1-3 220-260 lb. 47.75-48.75.

New Holland Hogs

Monday, June 6
Report supplied by USDA

Today	1850
Last Monday	1531
Last Year	1555

TREND: Trend not comparable, market not reported last week due to holiday.

BARROWS AND GILTS: US 1-2 200-240 lbs. 47.75-48.50, Several early 48.50-49.25, Couple lots early 49.50-49.60.

US 1: 200-250 lb. 49.50-50.50.

US 1-3: 220-260 lb. 47.00-48.25.

US 3 One lot 211 lb. 46.25, Few lots 270-290 lb. 40.00-45.00.

Lancaster Feeder Pigs

Tuesday, June 7
Report supplied by USDA

Today	1187
Last Tuesday	1143
Last Year	1354

TREND: Compared to last Tuesday feeder pigs 15.00-20.00 lower, extremes 25.00 lower. All pigs weighed on arrival and sold by the hundred weight.

US 1-2: 15 head 22-25 lbs. 102.00-106.00; 294 head 29-39 lbs. 70.00-86.00; 267 head 40-49 lbs. 60.00-75.00; 240 head 50-59 lbs. 55.00-77.00; 66 head 50-51 lbs. 81.00-82.00; 55 head 63-88 lbs. 57.00-65.00.

US 2-3: 14 head 28-31 lbs. 80.00; 19 head 33-39 lbs. 56.00-64.00; 45 head 44-62 lbs. 50.00-51.00.

New Holland Feeder Pigs

Wednesday, June 8
Report supplied by USDA

Today	1023
Last Wednesday	686
Last Year	940

TREND: Comapred to last Wednesday feeder pigs under 40 lb. 18.00-23.00 lower, 40-70 lb. weights 10.00-15.00 lower. All pigs weighed on arrival and sold by the hundred weight.

US 1-2: 56 head 23-29 lbs. 79.00-86.00; 241 head 30-39 lbs. 63.00-82.00; 66 head 45-47 lbs. 84.00-86.00; 265 head 40-49 lbs. 65.00-78.00; 88 head 50-56 lbs. 65.00-79.00; 53 head 57-72 lbs. 53.00-60.00.

US 2-3: 113 head 35-42 lbs. 54.00-62.00.

Vintage Hogs

Vintage Sales Stables
Saturday, June 4
Report supplied by auction

U.S. 1 & 2 215-250 lbs. 49.00-50.75; US 2 & 3 210-250 lbs. 47.00-48.75; Sows 300-600 lbs. 35.00-38.50; Boars 400-590 lbs. 36.00-37.00.

Wednesday, June 8

US 1 & 2 220-250 lbs. 48.60-48.75; US 3 216-250 lbs. 46.50-47.75; Sows 305-500 lbs. 38.00-39.00; Boars 37.75-41.00.

St. Louis Hogs

Thursday, June 9
Report supplied by USDA

4500 - Barrows & gilts moderate, steady to 25 higher, advance mainly weights over 260 lb.

BARROWS & GILTS: US 1-2 215-250 lb. 47.50-47.75, 200-215 lb. 47.00-47.50. US 1-3 220-250 lb. 46.00-47.00, 250-270 lb. 44.25-46.00.

SOWS: Steady to mostly 50 lower. (About 12%) US 1-3 300-650 lb. 36.50-37.50, mostly 36.50-37.00.

BOARS: Over 250 lb. 37.50; 200-250 lb. 39.50.

Peoria Hogs

Thursday, June 9
Report supplied by USDA

3500 - Barrows & Gilts moderate, mostly steady, instances 25-50 lower on wts. under 250#, heavier wts. 50-1.00 higher.

BARROWS AND GILTS: US 1-2 200-240 lb. 47.50-48.00, 75 head 48.25-48.35, US 1-3 200-250 lb. 46.50-47.50.

SOWS: Steady, instances 50 higher. (14%) US 1-3 350-650 lb. 38.00-38.50.

BOARS: Over 350# mostly 38.00-38.50; 250-350# 33.00-36.00; under 250# 41.00-44.00.

Indianapolis Hogs

Thursday, June 9
Report supplied by USDA

1300 - Barrows & gilts moderately active, steady, instances 25 lower.

BARROWS AND GILTS: US 1-2 215-250 lb. 48.00-48.25. US 1-3 210-260 lb. 47.00-48.00.

SOWS: Moderately active, steady, instances 50 lower. (3%) US 1-3 400-500 lb. 36.00-37.50.

BOARS: Under 250 lb. 36.00-37.00; over 350 lb. 36.00.

U.S. Inspected Livestock Slaughter

Estimated Daily Livestock Slaughter — Thursday, June 9
Report supplied by USDA — **Under Federal Inspection**

CATTLE	CALVES	HOGS	SHEEP
Week to Date (Est.)			
523,000	35,000	1,225,000	94,000
Same Period Last Week (Est.)			
403,000	27,000	993,000	79,000
Same Period Last Year (Act.)			
500,000	36,000	1,254,000	100,000

Chicago Grain Futures

(Closing Bids as of Thursday, June 9)

	Corn	Wheat	Soybeans	Soybean Meal
July	3.09½	3.44½	6.12	176.70
Sept.	2.89½	3.55		
Oct.				181.30
Nov.			6.32	
Dec.	2.78½	3.69		185.70
Jan.			6.42½	

Trend - Corn is higher, Wheat is lower, Soybeans are lower, Soybean Meal is lower.

Market Provided by Commodity Department
Dean Witter Reynolds, Inc.

Lancaster Feeder Cattle

Friday, June 3
Report supplied by USDA

Today	157
Last Friday	227
Last Year	234

TREND: Insufficient volume to test trends. Supply included 22 head offered for sale in graded sale, 30 head in lots of five to seven with balance in lots of three or less.

FEEDER STEERS: Medium Frame 1: Couple lots 460-470 lb. 69.00-72.00; one lot 705 lb. 68.50 and one lot 975 lb. 61.85.

MEDIUM AND LARGE FRAME 1: One lot 585 lb. 68.85.

LARGE FRAME 2 HOLSTEINS: One lot 765 lb. 54.75.

Futures Trading

(Closing Bids as of Thursday, June 9)

	Chicago Cattle	Chicago Hogs	New York Maine Potatoes
June	66.80	48.60	
July		47.95	
Aug.	63.00	45.07	
Oct.	59.55		
Nov.			7.34

Trend - Cattle are lower, Hogs are higher, potatoes are lower.

Market Provided by Commodity Department Dean Witter Reynolds, Inc.

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Consign your fat hogs to Walter M. Dunlap and Sons where they will be handled by experienced and capable personnel. All hogs weighed upon arrival.

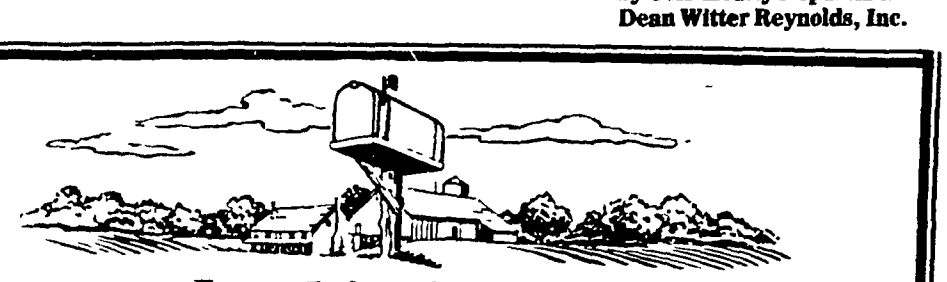
For market information contact Ken Smoker or Ollie Nagle at 717-397-5136.

FEEDER PIG SALE
Every Tuesday - Starting at 1 P.M.

GRADED FEEDER CATTLE SALE
FRIDAY, JUNE 17
Sale includes 125 Acclimated Steers and Heifers

Walter M. Dunlap and Sons
Lancaster Stockyards
Tel. (717) 397-5136

An Old Line Commission Firm Keeping Abreast With The Times



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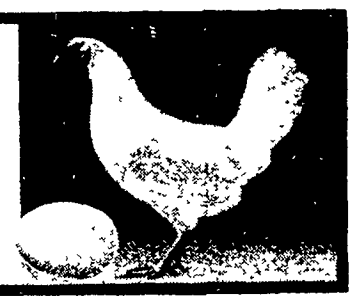
POULTRY MARKETS



Weekly New York Egg Market

From Friday, June 3 to June 10

	Fri.	Mon.	Tues.	Wed.	Thurs.
WHITE					
Jumbo	79	79	80	81	83
Ex Large	75	75	76	77	79
Large	69	69	70	71	73
Mediums	59	59	59	60	62
Pullets	48	48	48	48	48
Off Grade					
Large	62	62	63	65	67
BROWN					
Jumbo			—	—	—
Ex Large	84	84	84	86	87
Large	80	80	80	82	83
Mediums	64	64	64	64	64
Pullets	Unquoted				
Peewees	Unquoted				
Off Grade					
Undergrades	40	40	40	41	41
Checks	38	38	38	39	39

Breaking Stock: Friday-Tuesday 13.50-14.10; Wednesday 13.80-14.10; Thursday 14.10-14.70.

N. E. Weekly Shell Egg Report

Tuesday, June 7
Report supplied by USDA

Prices paid per dozen Grade "A" Brown eggs in cartons delivered to retail stores:

	Ex. Large	Large	Medium	Small
MASS.X	89-91	86-88	69-71	59-61
Mostly	89	86	69	59
N. HAMP.	78-82	75-79	58-62	44-48
Mostly	80	77	60	46
R.I.	89-95	75-81	59-65	45-54
Mostly	89-91	75-76	59-60	45-46
VERMONT	89-95	85-93	70-77	—
Mostly	89-91	85-87	70-74	—
MAINE	87-89	84-86	67-70	53-59

X Includes Central and Western Sections only.

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or Lititz 717-626-1164

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Heinsey's Poultry Market

Root's, East Petersburg
Tuesday, June 7
Report supplied by auction

MUSCOVY DUCKS, DRAKES: range 1.66-1.73 per lb.

MUSCOVY DUCKS, HENS: range 1.58-1.70 per lb.

PEKIN DUCKS: range .28-.64 per lb.

PULLETS: range .36-.48 per lb.

RED FOWL: 4-5 lbs. range .20-.32 per lb.

RED FOWL: 5-6 lbs. range .28-.48 per lb.

CROSSBRED FOWL: 6-9 lbs. range .24-.46 per lb.

CROSSBRED ROOSTERS: 4-6 lbs. range .40-.64 per lb.

CROSSBRED ROOSTERS: 7-11 lbs. range .25-.48 per lb.

GUINEA FOWL: range 2.30-2.74 per lb.

BANTY ROOSTERS: range 2.25-3.50 ea.

BANTY HENS: range .85-1.50 ea.

GEESE: 8-12 lbs. range .30-.68 per lb.

PIGEONS: range .50-1.25 ea.

WHITE PIGEONS: range 1.25-2.25 ea.

BUNNIES: range .25-1.50 ea.

LEGHORN HENS: range .08-.19 per lb.

LEGHORN ROOSTERS: range .18-.24 per lb.

BROILERS: 4-6 lbs. range .36-.36 per lb.

RABBITS: 4-6 lbs. range .30-.68 per lb.

RABBITS: 7-12 lbs. range .25-.54 per lb.

GUINEA PIGS: range .25-2.50 ea.

GOATS: range 20.00-45.00 ea.

KID GOATS: range 15.00-39.00

TOTAL AMOUNT COOPS: 1,272

Nest Run Eggs

Prices are from Egg Clearinghouse, Inc., (ECI) Durham, N.H. and reflect trading prices for gradable nest run eggs (GNR) on ECI, a nationwide trading center for producers, packers and marketers. GNR eggs are classified by weight in 30-dozen cases, and traded in lots of either 300 or 750 cases. Prices are FOB buyers dock, and are computed Tuesday and Thursday of each week. This week's prices for each classification were:

Classification	Net Weight Per Case	June 7 Tuesday	June 9 Thursday
Class 1 - Large	48 lbs.	56	58
Class 2 - Large	45 lbs.	53	54
Class 3 - Medium	42 lbs.	42	43
Class 4 - Small	39 lbs.	36½	36½
Breaking Stock	48 lbs.	46	49
Checks	48 lbs.	41	44

Philadelphia Eggs

Thursday, June 9
Report supplied by USDA

MARKET COMMENT: Prices unchanged to higher. Cartoned egg movement good in some quarters but overall orders only fair and not that aggressive. Jumbos in demand; extra large in close balance locally with some graded coming from South; floor stocks of graded large in balance to fully adequate; good inquiry for heavier nest runs; mediums fully adequate.

Prices to retailers: Sales to volume buyers, consumer grades white eggs in cartons delivered store door:

A Extra Large 66-69; A Large 65-68; A Medium 54-56.

Delmarva Poultry

Thursday, June 9
Report supplied by USDA

Market Comment: RTC movement on whole birds sufficient to keep most plants clearing present production. Demand is not that aggressive and only fair to good. Parts clearing easily. Slaughter schedules moderate in most quarters. Live supplies fully adequate.

Today's L.T.L. asking prices 1-2 cents lower on U.S. Grade A at 49-53 cents.

Estimated slaughter of broiler fryers in Delmarva (000).

Estimated 6/9 1,831; Actual 6/2 1,943; Actual 6/7 1,795; Average Weights 6/7 4.33; 5/31 4.25.

Eastern Pa. & N.J. Poultry

Thursday June 9
Report supplied by USDA

Market Comment: Prices unchanged this week and for next week's arrivals. Live offerings spotty and adequate at best. Canner pack movement no better than fair.

Light Type Hens: Prices Paid at Farm: 9-10, mostly 10.

F.O.B. Plant: 12.

New York Multiple Drop Broiler Report

Thursday, June 9
Report supplied by USDA

Current broiler/fryer negotiated prices for immediate delivery includes mostly multiple-drop shipments to New York City from Delmarva.

Branded U.S. Grade A 48-53; boxes 9,351.

WTD. AVG.: Branded U.S. Grade A 52.10.

Beat the Heat with Eggs

$$ FEED COSTS $$
$$ TROUBLING YOU $$

We have shown farmers up to $30.00 per ton savings with a

Master Mill™ Batch System

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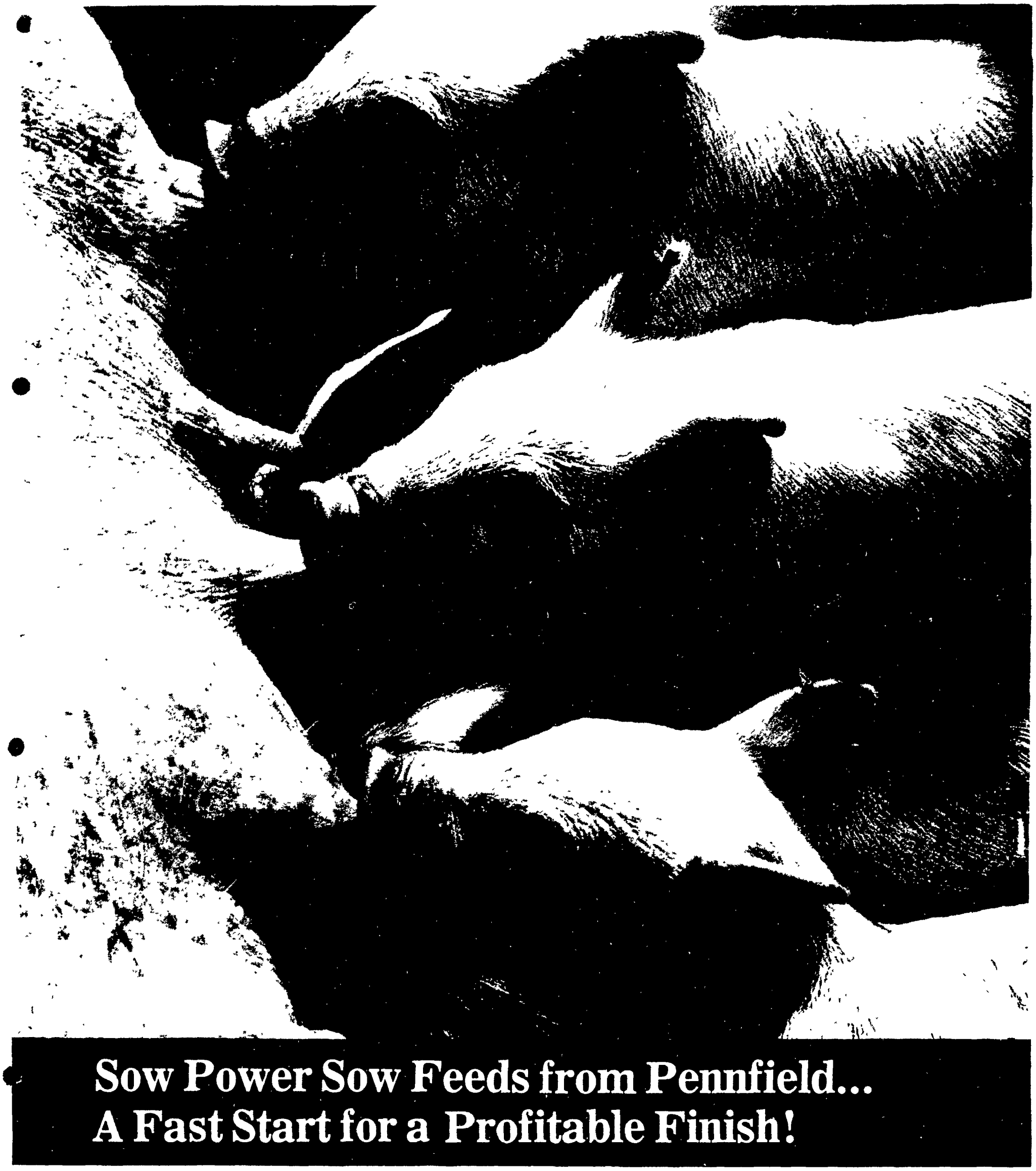

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Bigger pigs at weaning means healthier, faster growing pigs to market. And that is Pennfield's measure of success for our customers. Because at Pennfield Feeds, our goal is to help you become more successful.

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New Holland Hay

New Holland Sales Stables
Monday, June 6
Report supplied by auction

100 loads, market steady on hay and straw.

Alfalfa choice 113.00-161.00, medium 80.00-105.00, fair 50.00-71.00; Mixed Hay choice 100.00-136.00, medium 80.00-100, fair 60.00-80, Timothy choice 96.00-100.00, medium 68.00-73.00; Straw 80.00-113.00; Corn 94.00-106.00; oats 1.70-2.34 bu.

Belleville Hay

Belleville, Pa.
Wednesday, June 1
Report supplied by PDA

16 loads hay and 5 loads straw.

Alfalfa, few 95.00-135.00; Mixed hay 40.00-85.00, mostly 50.00-75.00; Straw 60.00-66.00.

Leinbach's Hay

Shippensburg, Pa.
Tuesday, June 7
Report supplied by auction

10 loads.

Two new Alfalfa 76.00-81.00; Mixed 50.00-74.00; one Timothy 42.50; Bromegrass 50.00, new 84.00; Straw 72.00-76.00.

Good's Hay

Leola, Pa.
Wednesday, June 8
Report supplied by auction

61 loads.

Mixed 54.00-120.00 one new 40.00; Straw 78.00-113.00; Timothy 72.00-94.00; Clover two 49.00-52.00; Corn 94.50-113.00; Alfalfa 50.00-148.00, one new 35.00; two oats 1.80 & 1.85 bu.

New Wilmington Hay

New Wilmington, Pa.
Friday, June 3
Report supplied by PDA

12 loads hay and 5 loads straw.

Alfalfa, mix 2nd cutting, few 115.00-175.00; Mixed hay, few 78.00-95.00; Timothy hay, few 98.00-115.00; Straw 51.00-60.00; Ear corn, 3 loads 100.00-101.00; Oats, one load $2.05 per bushel.

Regional Hay

Friday, June 3
Report supplied by PDA

Hay and Straw steady to weak; some New crop on the market.

Alfalfa 80.00-100.00, few 125.00, New Crop 65.00-75.00; Mixed hay 60.00-90.00; Timothy hay 60.00-90.00; Straw 50.00-80.00; Mulch 30.00-40.00.

Green Dragon Hay

Ephrata, Pa.
Friday, June 3
Report supplied by PDA

39 loads hay and 20 loads straw.

Alfalfa, few 65.00-140.00; Mixed hay 36.00-145.00, mostly 56.00-78.00; Timothy hay, few 60.00-93.00; Straw 62.00-120.00, mostly 77.00-106.00; Ear Corn, 16 loads 93.00-103.00.

Frederick Co. Hay

Buckeystown, Md.
Thursday, June 9
Report supplied by auction

14 loads, market lower.

One Alfalfa Mixed 105.00; Timothy 62.50-90.00; Clover Mixed dark 40.00-60.00; Mixed 87.00-97.00; Straw 75.00-92.00;

This was last auction to reopening on Oct. 6.

Pa. Grain

Monday, June 6
Report supplied by PDA

Compared with last Monday's market for Southeastern, Central and South Central Pa.: Corn steady to 10 cents higher; Wheat unevenly steady. Barley & Oats mostly steady. Ear Corn steady to $5 higher.

Prices paid delivered to dealers dock - (All prices per bushel, except Ear Corn per ton.)

Southeastern Pa.

Corn No. 2-y range 3.35-3.65, average 3.49, New Crop 2.80-2.92; Wheat No. 2 range 3.35-3.50, few reported 3.75, average 3.49, New Crop 3.45-3.46; Barley No. 3 range 2.00-2.35, average 2.17, New Crop 1.90-2.00; Oats No. 2 range 1.80-1.95; average 1.85; Soybeans No. 1 range 5.91-6.00, average 5.95, New Crop 5.75-6.00; Ear Corn range 93.00-97.00, average 94.78.

Central Pa.

Corn No. 2-y range 3.30-3.56, average 3.45; Wheat No. 2 range 3.25-3.50, few reported 3.00, average 3.34; Barley No. 3 range 1.85-2.00, average 2.04; Oats No. 2 range 1.50-1.85, average 1.71; Soybeans No. 1 range 5.65, average 5.65; Grain Sorghum #2 range 3.15, average 3.15; Ear Corn range 87.00-97.00, average 90.33.

South Central Pa.

Corn No. 2-y range 3.10-3.50, average 3.30; Wheat No. 2 range few reported 2.95-3.40, average 3.10; Barley No. 3 range 1.75-2.00, average 1.87; Oats No. 2 range 1.70-1.95, average 1.82; Ear Corn range 85.00-100.00, average 92.58.

Southeastern, Central & South Central Summary

Corn No. 2-y range 3.30-3.65, average 3.44; Wheat No. 2 range 3.25-3.70, average 3.37; Barley No. 3 range 1.80-2.30, average 2.05; Oats No. 2 range 1.60-1.90, average 1.77; Ear Corn range 87.00-97.00; average 92.49.

Western Pa.

Corn No. 2-y range 3.12-3.30, average 3.20; Wheat No. 2 range 3.00-3.15, average 3.09; Barley No. 3 range 1.90-1.95, average 1.93; Oats No. 2 range 1.60-1.75, average 1.66; Ear Corn range 80.00-85.00, average 81.67.

Carlisle Auction

Carlisle, Pa.
Tuesday, June 7
Report supplied by auction

CATTLE: Steers were 2.00 higher; Heifers were steady, Cows were active and steady to 2.00 higher and Bulls were 2.00 lower. Steers: No Choice offered; Good 60.00-61.85; Holsteins 56.25-58.25; Standard 57.10-59.25; Holsteins 53.85-55.00; Utility 55.00 Down. Heifers: No Choice offered; Good 55.75-56.25; Standard 54.50 Down. Cows: Strong Demand! Utility & Commercial 46.10-49.00; Cutter 44.75-45.50; Canner & Low Cutter 40.50-45.00; Shells 39.50 Down. Bulls: Yield Grade No. 1, 54.00-57.25; Yield Grade No. 2, Down to 48.50.

FEEDER CATTLE: Steers were steady to 2.00 higher; Heifers were 1.00 to 1.50 higher and Bulls were steady with few offered. Steers: Medium 300-340 lbs. 56.50-58.00; Choice 540 lbs. 70.50; Good 545-555 lbs. 60.00-60.50; Medium 455-535 lbs. 55.50-57.00; Choice 650 lbs. 69.00; Good 775-860 lbs. 57.00-59.50. Heifers: Good 180-400 lbs. 52.00-61.00; Good 485-535 lbs. 55.00-56.00; Medium-Good 690-735 lbs. 51.00-54.50. Bulls: Good 750 lbs. 54.00; Medium-Utility 39.00-44.50.

CALVES: Large run with active bidding but market lower. Vealers: Choice 90.00-97.50; Good 75.00-90.00; Standard & Good 60.00-80.00; Standard & Light 59.00 Down. Farm Calves: Hol. Bulls 95.00-103.00; Hol. Heifers 90.00-103.00.

HOGS: Large run with active bidding; 1.50 higher! US No. 1-2, 45.85-49.10; No. 1-3, 44.50-46.25, No. 2-3, 42.00-44.00, No. 2-3 (heavy over 240 lbs.) 40.00-43.00. Sows: Individual 45.00; US No. 1-3, 35.50-39.10; No. 2-3, 31.50-36.00. Boars: 2.00 higher; 33.75-38.00.

FEEDER PIGS: 2.00 higher! US No. 1-3, 24-38 lbs. 28.00-42.00 Hd. No. 1-3, 41-50 lbs. 37.00-42.00 Hd.

SHEEP: Lambs: Choice 67.00; Medium and Good 52.00-59.00. Ewes: 14.00-22.00 lb. Goats: 21.00-56.00 Hd.

NEW HOLLAND SALES STABLES, INC. - THE ACTION AUCTION

MONDAY

EARLY BIRD HOG SALE
For Your Protection Your Hogs Must Be Identified

10:00 AM

11:00 AM

HAY
STRAW
GRAIN

1:30 PM

BEEF SALE
CALF, SHEEP, GOATS

WEDNESDAY

12:00 NOON

HEIFERS, BULLS

NEW HOLLAND SALES STABLES, Inc.
12 Miles East of Lancaster
on Route 23, New Holland, Penna

The Action Auction
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Field Representatives
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WEDNESDAY
FEEDER PIG SALE
1:30 P.M.

We endeavor to keep our barns cleaner than yours.
State graded until 12 Noon

THURSDAY

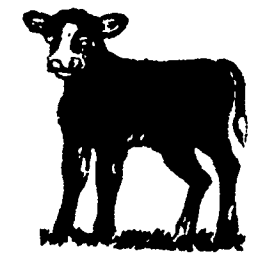
11:00 AM

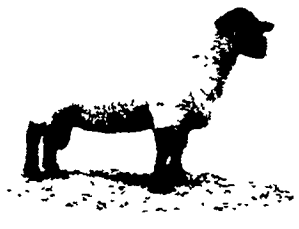
BULLS -

STEERS -
BEEF COWS

3:30 P.M.

CALVES





SHEEP
GOATS

Market your livestock thru New Holland Sales, your neighbor does
Pick-up your check before you leave

Livestock market and auction news

Central U.S. Carlot

Wednesday, June 8
Report supplied by USDA

Compared to Tuesday's 4:00 P.M. report: Steer and Heifer carcasses steady to $1.00 lower, instances $1.50 lower on goods; Holstein type carcasses steady to $1.00 higher. Trade and demand moderate.

The gross boxed beef carcass cut-out value declined $.72 to an estimated $107.31 per cwt.

Sales reported on 86 loads of steer and heifer carcasses.

STEER BEEF
32 Loads
FOB Omaha Basis

Choice 3 600-900 lbs. 103.00, 1.00 lower.

Choice 4 600-900 lbs. 93.00, steady.

Choice 5 600-900 lbs. 88.00.

Good 2-3 600-900 lbs. 97.00, 1.00 lower.

Good 2 & Low 3 600-700 lbs. 96.75-97.50.

Choice 2-3 600-900 lbs. 94.00-95.00, (Holstein Type) steady-1.00 higher.

Good 2-3 600-900 lbs. 90.00, (Hols) steady.

HEIFER BEEF
54 Loads
FOB Omaha Basis

Choice 3 550-700 lbs. 99.00-100.00, 1.00 lower.

Choice 3 500-550 lbs. 97.00-98.00, steady.

Choice 3 400-500 lbs. 95.00-96.00, steady.

Choice 2 600-700 lbs. 100.00-101.00.

Choice 4 500-700 lbs. 93.00, steady.

Choice 5 500-700 lbs. 88.00.

Good 2 & Low 3 600-700 lbs. 93.75-96.00.

Good 2-3 550-700 lbs. 94.50-95.00, 1.00-1.50 lower.

Good 2-3 500-550 lbs. 89.00, steady.

Good 2-3 400-500 lbs. 87.50, steady.

FOB Amarillo Basis

Good 2-3 400-500 lbs. 87.50.

COW BEEF
11 Loads
FOB Omaha Basis

Brkg Utlty 3-4 450&up lbs. 75.00 West.

Bng Utlty 2-3 400&up lbs. 78.00 West.

Cnr & Ctr 1-2 350&up lbs. 83.00 MW.

Cnr & Ctr 1-2 350&up lbs. 80.00 West.

FOB Amarillo Basis

Brkg Utlty 3-4 450&up lbs. 78.50 West.

Bng Utlty 2-3 400&up lbs. 76.50-79.50 West.

PRIMAL BEEF CUTS
5 Loads
FOB Omaha Basis
Choice 3

Hinds (H) 120-170 lbs. 120.00, 2.00 lower.

Fores 130-210 lbs. 83.50, steady.

Arm Chucks 75-120 lbs. 80.00.

BONELESS PROCESSING/ BEEF TRIMMINGS
112 Loads
FOB Omaha Basis

90% Chem Lean Fresh 112.00-113.00.

50% Chem Lean fresh 50.00-51.00.

Compared to Tuesday's 4:00 p.m. Report: Fresh pork loins regular 14-17 lbs. steady to $2.00 lower; spareribs $4.50-5.00 higher; skinned hams $1.00-3.00 higher; sdls bellies lightly tested $.50 to $2.50 higher. Trade and demand light to moderate early very light late. Offerings light to moderate.

Sales reported on 48½ loads and 1 load of trimmings.

FRESH PORK CUTS

LOINS: (Regular) - 14-17 lbs. 106.00-109.00, latter, steady-2.00 lower, price Friday's and next week ship; 17-22 lbs. 97.00; 17-22 lbs. 103.00 clear channel. 22/up lbs. 87.00, steady. (Retail Trim) - 14-17 lbs. 117.00.

SPARERIBS: 3.5/dn lbs. 141.00; 3.5-5.75 lbs. 112.00-116.00, mostly 4.50-5.00 higher.

SKINNED HAMS: 14-17 lbs. 62.50-63.50, 1.00-2.00 higher. 17-20 lbs. 62.00, 3.00 higher. 20-26 lbs. 60.00. 2.00 higher.

BELLIES: (Sdls, Skin On): 10-12 lbs. 47.50-50.00 Frzn T.I.S.; 14-16 lbs. 57.50, .50 higher; 16-18 lbs. 54.50, 1.00 higher; 18-20 lbs. 51.50, 2.50 higher.

BONELESS PROCESSING/ PORK TRIMMINGS
(Chemical Lean)

42% Trimmings Fresh 41.0.

Oklahoma Cattle

Wednesday, June 8
Report supplied by USDA

Estimated Receipts	9500
Same Day Last Week	12,395

Feeder Steers steady to 1.00 lower. Feeder Heifers steady to weak. Feeder demand fair. Bulk supply Medium and Large Frame 1 and 2 600-900 lb. Feeder Steers including several loads of Holsteins and 500-700 lb. Feeder Heifers. Weights under 500 lb. scarce, trends lightly tested on these.

FEEDER STEERS: Medium and Large Frame 1, 160 lb. Mixed Steers and Heifers 89.00, 255 lb. mates 70.25; few 445-505 lb. 70.50-72.75; 600-700 lb. 61.75-64.70, lot 620 lb. 65.50; 700-800 lb. 61.00-63.00; 800-900 lb. 60.50-62.20; 900-1040 lb. 59.50-60.70. Medium and Large Frame Mixed 1-2 355 lb. 73.75; 500-600 lb. 64.00-66.10; 600-750 lb. 60.90-61.60; 800-830 lb. 60.50-60.70. Medium and Large Frame 2 600-775 lb. 58.50-60.25. Large Frame 2 Holsteins 550-700 lb. 50.00-52.70 several lots 50.00; 700-825 lb. 49.00-50.00; 875-950 lb. 47.20-49.40; lot No. 1 Holstein crosses 760 lb. 55.20.

FEEDER HEIFERS: Medium and Large Frame 1 500-600 lb. 57.50-60.10, small lot 525 lb. 61.10; 600-775 lb. 56.40-58.55. Medium and Large Frame Mixed 1-2 500-775 lb. 54.50-57.20. Medium and Large Frame 2 500-725 lb. 50.40-54.75.

FOR THE WEEK: Feeder Steers steady to 1.00 lower, several steady to 50 cents off. Feeder Heifers steady to 50 cents lower. Cows and Bulls steady to firm. Utility and Commercial Cows 2-4 39.00-43.50; Low-Dressing 37.00-39.25; Cutter 1-2 37.50-41.00; Canner and Low-Cutter 34.20-38.00. YG 1-2 Bulls 1000-1500 lbs. 48.90-54.50, mostly 50.00-53.20; 1500-1850 lb. 51.10-56.25. Receipts this week estimated at 25,250 head compared with 19,093 head last week and 22,036 head one year ago. Feeder Steers and Heifers made up 92 percent of total run; Cows and Bulls 8 percent.

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12:30 P.M.- Dairy Cows
7:00 P.M.- Small Animal Sale

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Livestock market and auction news

THE OLD FARMER'S ALMANAC

JUNE 13-19, 1983

Rain and cool and out of school.

Move houseplants outside as weather permits Father's Day is June 19 (Sun) Argentina surrendered Falkland Islands to Britain June 14, 1982 First quarter of the moon June 17 (Fri) . Average length of days for the week, 15 hours, 16 minutes . Napoleon defeated in Battle of Waterloo June 18, 1815 Stars and Stripes adopted by Continental Congress as the U S flag June 14, 1777 . *Sometimes you have to be silent in order to be heard*

Ask the Old Farmer: Where did the expression "Gone to pot" come from? FD , Colorado Springs

We've heard tell that long ago a tailor in a small European town, who lived near a cemetery, kept track of deaths by dropping a stone into a pot for every funeral that passed When he himself died, a wag said that he too had gone to pot

Home Hints: To remove grass stains from clothing cover stained area with molasses and then rinse thoroughly with clear water

OLD FARMER'S WEATHER FORECAST

New England: Rain, heavy south, cool, showers, warm to end week

Greater New York-New Jersey: To start, sunny and hot, midweek rainy and cool, sunny and warm by weekend

Middle Atlantic Coastal: Thundershowers, cool through midweek, sunny and warm, showers north remainder of week

Piedmont & Southeast Coastal: Starts clear and hot, showers east, heavy rain west, warm into weekend, sunny, hot very end

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Keisters Auction

Middleburg, Pa.
Tuesday, June 7
Report Supplied By PDA

CATTLE 784. Compared with last Tuesday's market, slaughter steers 75 cents to $1.50 higher. Slaughter cows $2.50 to $3 higher. High Choice & Prime 1000-1500 (No. 2-4) slaughter steers 66.60-69.25, few to 75.25, Choice 1000-1500 lbs. (2-4) 64.50-68.00, few to 70.00, High Good to Low Choice 63.75-65.00, Good 59.00-64.35, holsteins 58.00-61.00, couple 63.35, Standard 53.00-58.75. Choice 1000-1250 lbs. slaughter heifers No. 2-4 62.10-65.00, couple 71.00, Good 58.00-62.75. Utility & Commercial slaughter cows 45.50-49.60, couple 53.35, Cutters 43.50-46.50, Canner & Low Cutter 40.50-43.50, Shells down to 35.50. Few Choice slaughter bullocks 64.00-64.50. Yield Grade #1 1200-1975 lbs. slaughter bulls 53.50-64.50, one at 66.85; yield grade #2 850-1450 lbs. 48.00-52.50. Few Large Frame #1 500-700 lbs. feeder steers 55.00-65.50, few Medium Frame #1 600-800 lbs. 56.00-64.00; few Medium Frame #1 400-650 lbs. feeder heifers 50.00-56.00.

CALVES 166. Few Choice vealers 77.50-89.00, few Good 70.00-78.00, Standard & Good 70-100 lbs. 60.00-68.00, Utility 60-85 lbs. 52.00-59.00. Farm calves, holstein bulls 90-125 lbs. 72.00-110.00, mostly 95.00-105.00; holstein heifers 80-130 lbs. 70.00-98.00.

HOGS 469. (Monday, June 6, 1983). Barrows & gilts 50 cents lower. US No. 1-2 210-235 lbs. barrows & gilts 48.00-49.25, No. 1-3 200-250 lbs. 47.25-48.00, No. 2-3 190-270 lbs. 45.25-47.25. US No. 1-3 325-600 lbs. sows 37.50-40.25, No. 2-3 300-600 lbs. 33.00-37.50. Boars 37.25-39.00.

FEEDER PIGS 502. US No. 1-3 20-35 lbs. feeder pigs 17.00-28.00 per head, No. 1-3 35-55 lbs. 27.00-43.50 per head.

SHEEP 32. Few Choice 45-75 lbs. spring slaughter lambs 60.00-91.00, one lot 83 lbs. yearlings 46.50. Slaughter ewes 12.00-25.00.

GOATS 14. Large 18.00-30.00, few kids 15.00-20.50 per head.

PENNSYLVANIA MARKETS

G&M Livestock

Monday, June 6
Duncansville, Pa.
Report supplied by auction

SLAUGHTER CATTLE: Steers- Choice 65.00-68.10; Good 60.00-65.00; Standard 56.00-60.00; Utility 50.00-56.00. Heifers- Choice 60.00-65.75; Good 54.00-60.00; Standard 48.00-54.00; Utility 42.00-48.00. Cows- Choice 48.00-50.00, couple 52.50 & 54.50; Good 46.00-48.00; Standard 44.00-46.00; Utility 42.00-44.00; Cutters 40.00-42.00, Canners down to 35.00. Bulls- 1200-2200 lbs. 54.00-60.00; 900-1100 lbs. 50.00-58.00.

FEEDER CATTLE: Steers- Choice 300-600 lbs. 52.00-68.00. Heifers- Choice 300-600 lbs. 48.00-60.00.

CALVES: Vealers- Prime and High Choice 85.00-98.00; Good and Choice 70.00-85.00; Standard 60.00-70.00; Utility down to 50.00. Farm Calves- Holstein bulls 90-120 lbs. 90.00-119.00; Heifers 90-120 lbs. 90.00-132.50.

HOGS: Barrows and Gilts 200-240 lbs. 46.00-48.10; 170-300 lbs. 44.00-47.00. Sows- 300-792 lbs. 40.00-46.50. Boars- 34.00-41.00.

FEEDER PIGS: 25-35 lbs. 25.00-38.00 per head; 35-50 lbs. 38.00-52.00.

SHEEP: Slaughter lambs 50-90 lbs. 55.00-67.00. Ewes- 9.00-38.00.

GOATS: 12.00-38.00.

Dewart Livestock

Dewart, Pa.
Monday, June 6
Report Supplied By PDA

CATTLE 229. Compared with the market two week's ago: Choice 2-4 1050-1600 lbs. slaughter steers 64.00-68.25, Good 58.50-63.25, couple 66.25, Good holsteins 55.75-59.75, few Standard 52.00-56.25. Few Choice slaughter heifers 61.50-63.75, few Good 56.00-61.25. Utility & Commercial slaughter cows 44.00-49.00, couple 49.85, Cutters 42.50-45.00, Canner & Low Cutters 38.00-42.75. Few Good & Choice slaughter bullocks 59.00-59.50. Yield Grade #1 995-1850 lbs. slaughter bulls 49.50-58.00. Few Large Frame #2 350-850 lbs. feeder steers 55.00-58.50. Lot 575 lbs. holsteins at 57.75.

CALVES 228. Few Choice vealers 80.00-96.00, Good 70.00-80.00, Standard and Good 70-100 lbs. 65.00-74.00, few Utility 50-85 lbs. 60.00-65.00. Farm Calves: Holstein Bulls 90-125 lbs. 75.00-125, mostly 90.00-105.00.

HOGS 233. US No. 1-2 210-235 lbs. barrows and gilts 47.35-47.90, No. 1-3 205-240 lbs. 46.00-47.35, lot No. 2-3 240 lbs. at 44.20. US No. 1-3 300-700 lbs. sows 35.00-40.50. Few Boars 33.75-37.50.

FEEDER PIGS 163. US No. 1-3 8-20 lbs. feeder pigs 12.50-18 per head, No. 1-3 25-45 lbs. 21.50-33, No. 1-3 50-75 lbs. 38.00-41 per head.

SHEEP 24. Few Choice 90-105 lbs. spring slaughter lambs 58.00-68.00, Good & Cholice 50-95 lbs. 51.00-59.00. Few Slaughter ewes 13.00-21.50. GOATS 19: $15.00-35 per head.

Valley Livestock

Valley Stockyards
Athens, Pa.
Monday, June 6
Report supplied by auction

Remarks: Small pigs & lambs real high. Cattle market real good; calf market steady.

Holstein Hfr. Calves to 102.50; Veal Calves to 97.50; Vealer Bull Calves 88.00-125.00; Slaughter Calves 68.00-80.00; Grassers & Feeders 42.00-58.50; Lambs 52.00-69.00; Sheep 14.00-25.00; Hogs, 200 to 250 46.50-49.50; Sows 38.00-42.00; Boars 36.50-42.00; Pigs 20.00-44.00; Heifers 43.00-48.00; Steers, holstein 53.50-57.00; Steers, feeder 40.00-58.50; Bulls 48.50-57.00; Cows, utility 44.00-48.75; Cows, fat 42.00-45.00; Cows, medium 40.00-42.00; Cows, poor or small 37.00-40.00; Horses none; Ponies none; Goats 10.00-40.00; Hay none; Straw none.

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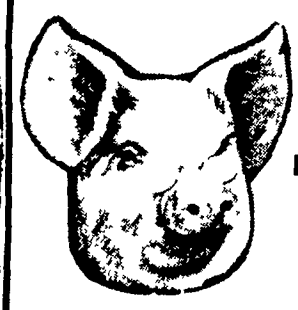

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Livestock market and auction news

VIRGINIA MARKETS

Virginia Auction Summary

June 2-8
Report supplied by VDA

Total of Va. Weekly Feeder Cattle Auction Receipts: 3,568.

TREND: Steady to 2.00 higher.

Northern, Va.
Auction Summary
June 2-8

STEERS: 300-500 lbs. Medium 1 66.00-77.00; Large 1 66.00-79.00; Small 1 63.00-72.00; 500-700 lbs. Medium 1 61.50-72.00; Large 1 65.50-77.50; Small 1 60.00-70.00. 700-1000 lbs. Medium 1 58.00-64.25; Large 1 56.50-66.00; Small 1 57.00-61.00.

HEIFERS: 300-500 lbs. Medium 1 52.50-63.00; Large 1 57.50-60.00; Small 1 51.00-60.50. 500-700 lbs. Medium 1 50.00-61.00; Large 1 54.00-62.00; Small 1 52.00-56.00. 700-900 lbs. Medium 1 52.00-58.75; Large 1 51.00-58.00.

Southwest Va.
Auction Summary
June 2-8

STEERS: 300-500 lbs. Medium 1 69.00-80.00; Large 1 74.00-83.50; Small 1 60.00-71.00. 500-700 lbs. Medium 1 63.50-74.50; Large 1 65.00-76.00; Small 1 62.00-68.00. 700-1000 lbs. Medium 1 58.10; Large 1 60.50-70.25.

HEIFERS: 300-500 lbs. Medium 1 54.00-64.00; Large 1 55.00-64.25; Small 1 48.00-59.00. 500-700 lbs. Medium 1 52.25-60.75; Large 1 54.00-64.80. 700-900 lbs. Medium 1 53.00-55.00; Large 1 51.00.

Southeast Va.
Auction Summary
June 2-8

STEERS: 300-500 lbs. Medium 1 73.00. 500-700 lbs. Medium 1 66.50-71.50. 700-1000 lbs. Medium 1 59.00-61.85; Large 1 62.00-62.50.

HEIFERS: 300-500 lbs. Medium 1 56.00-61.00. 500-700 lbs. Medium 1 50.00-59.00; Large 1 52.50-61.50. 700-900 lbs. Medium 1 46 00-49.25; Large 1 53.00-54.75.

Shenandoah Valley Livestock

Harrisonburg, Va.
Saturday, June 4
Report supplied by auction

FEEDER CATTLE: Trend-Steers: M&L-1 300-500 lbs. 69.00-74.00; 500-700 lbs. 65.00-74.50; 700-1000 lbs. 57.00-66.00; Holstein 300-1000 49.00-63.50. S-1&M&L-2 300-500 lbs. 66.00-72.50; 500-700 lbs. 65.00-69.00; 700-1000 lbs. 55.50-60.00. Feeder Bulls: M&L-1 300-500 lbs. 63.00-72.00; 500-700 lbs. 53.00-60.00. S-1&M&L-2 300-500 lbs. 53.50-62.00; 500-700 lbs. 50.00-57.50. Heifers: M&L-1 300-500 lbs. 56.00-60.00; 500-700 lbs. 56.00-59.50; 700-800 lbs. 55.00-58.00. S-1&M&L-2 300-500 lbs. 51.00-59.00; 500-700 lbs. 52.00-56.50. Stock Cows: Beef 400.00-525.00; Baby Calves 15.00-95.00, mostly 60.00-85.00.

SLAUGHTER CATTLE: Steers-Good 2-3 62.50. Heifers- Choice 2-4 59.25-60.75.

SLAUGHTER COWS: Utility & Commercial 2-4 39.00-44.75; Canner & Cutters 1-3 30.50-40.00.

SLAUGHTER BULLS 1 & 2 48.00-54.50.

LAMBS: High Choice & Prime 60.00; Choice 58.50; Feeder Lambs Choice 38.50; Slaughter Ewes 10.00-13.00.

HOGS: US 1-3 200-240 lbs. 46.00; Sows 1-3 38.00-41.00; Boars 35.00.

VEAL: Choice & Prime 70.00-78.00; good 68.00-75.00.

SLAUGHTER CALVES: Good & Choice 56.00-63.50.

Penns Valley Livestock

Centre Hall, Pa.
Tuesday, June 7
Report supplied by auction

Beef Cows: Utility and Commercial 46.75-49.10; Cutters 44.10-46.25; Canners 41.60-43.95; Shells 40.00.

Heifers: Commercial 42.75-48.25.

Steers: Good 55.25-57.00; Standard 52.50-54.50.

Bulls: Standard 50.50-52.25.

Veal Calves: Prime 97.50-102.00; Choice 88.00-96.00; Good 74.00-87.50; Standard 64.00-73.00; Utility 50.00-61.50.

Farm Calves: Bulls 81.00-103.00; Heifers 75.00-91.00.

Hogs: 44.75-46.00.

Sows: 36.50-39.75.

Shoats: 25-30 lbs. per head 15.00-21.00; 30-35 lbs. per head 22.50-28.50; 35-50 lbs. per head 32.00-56.00.

Lambs: per head 50.00-51.50.

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8-24-8*	187.00	0-10-40*	174.00
8-32-16	215.00	0-10-40* w/b	182.50
10-20-10*	184.00	46- 0- 0	213.00
10-20-20*	190.00	0- 0-60	157.75
12-24-24	213.00		
10-10-10*	158.00		

* Analysis may not be available during periods of maximum production.
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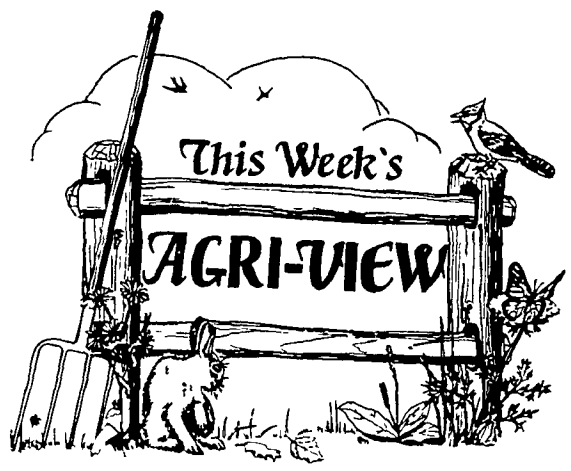
Sale Headquarters:
Howard Johnson Motel
Mercer, PA (I-80 & Rt. #19)
Phone 412-748-3030



More from Swap Shop

BY DICK ANGLESTEIN

And here are some more Dairy Product Promotion ideas sent to the Swap Shop by readers.

A call from a Lebanon Countian tipped us off about Lynn Ziegler and his "Drink Milk" ultralight airplane.

So, obviously he's getting his message across and people are seeing his aerial display. For more about Lynn, look elsewhere in the A Section.

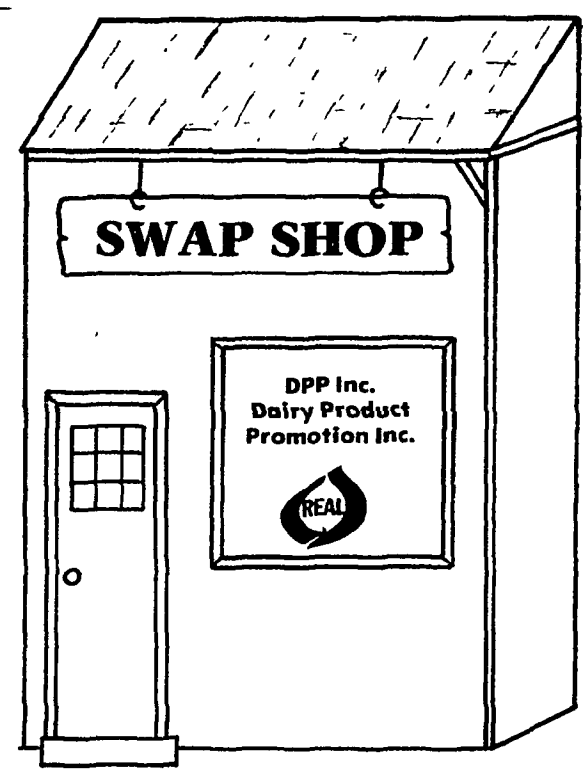
If you're thirsty -- for natural milk naturally -- stop in at the Schaefferstown Branch of the Lebanon Valley National Bank. There's free milk in the lobby all month long, courtesy of Balsbaugh Insurance.

And, Marlin G. Hege, of Chambersburg, would like to see some "Real Seal" peel-off stickers made available to dairy farmers and others. Something like Christmas seals, so people can use them on envelopes, etc.

So, as we pointed out on Page One, there are a lot of promotion ideas floating around in dairy land. And some, pretty good ones, too.

Of course, not everyone can have an ultralight airplane to fly around in and promote milk. But every dairy family banks somewhere. So, why not suggest a milk machine to your favorite banker.

And making Real Seal stickers available for use on letters should be no "real" problem.

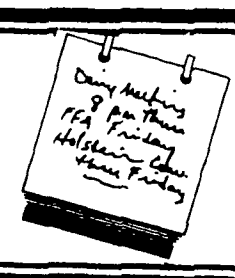


Suzanne Curtin, of Schaefferstown Branch of Lebanon Valley National Bank taps some free milk during month-long promotion.

We'll have some more promotion ideas next week, too.

And, we'd like to hear about yours. Send it to the address on Page One.

Farm Calendar



Saturday, June 11

Western Pa. Pork Field Day, 9 a.m.- 4 p.m., Westmoreland Fairgrounds.

Northwest Pa. All-Arabian Horse Show, Lawrence County Fairgrounds, New Castle, continues tomorrow.

Franklin County Dairy Princess Pageant, 7 p.m., Kauffman Community Center.

Huntingdon County Dairy Princess Pageant.

Sunday, June 12

Southeast Grape Industry Association, 1:30 p.m., Lancaster Farm & Home Center.

Monday, June 13

Adams County Farmer Forum, 7:30 p.m., Bermudian Springs High School.

Lancaster County Conservation District Tour, leave Farm and Home Center at 9 a.m. and return at 3 p.m.

Eastern Co-Op District Eight Officers meeting, 7 p.m., Leola Family Restaurant.

Tuesday, June 14

FFA Activities Week opens at Penn State, continues through Thursday.

Wednesday, June 15

Regional Beekeepers Workshop, York County, 4-H Center, Bair, continues tomorrow.

Bradford County Wool Pool, 7:30 a.m.-2:30 p.m., Bresee's Barn.

Ciba-Geigy OxRoast and Plot Tour, 10 a.m. to dark, Leory Esbenshade farm, Lancaster County.

Final ASCS reporting date for wheat, barley and oats.

Hunterdon County, N.J. Ag Development Board, 8 p.m., Extension Center.

Thursday, June 16

Pa. Aggregates & Concrete Association's summer meeting, Bedford Springs Hotel, continues through Sunday.

Tioga-Potter Wool Pool, Whitneyville, continues tomorrow.

4-H Livestock Committee, Extension Center, Smethport.

Delaware Holstein Show, Del, State Fairgrounds, Harrington, 11 a.m.

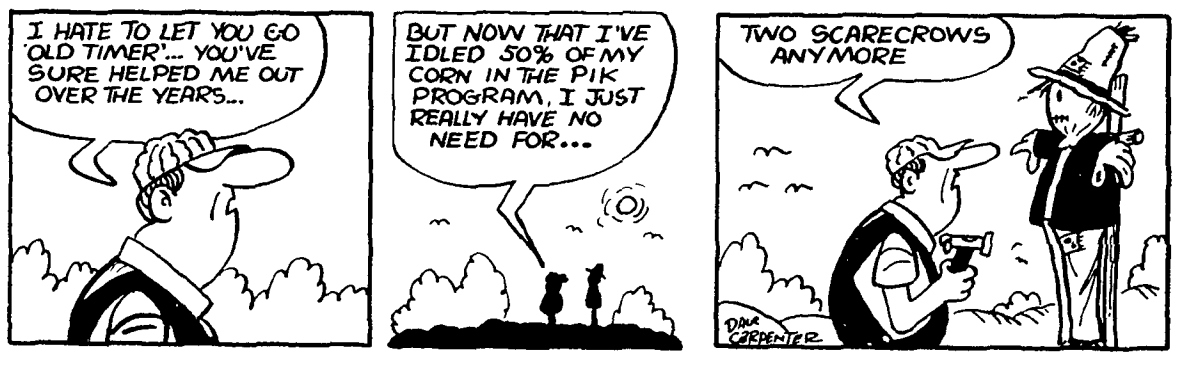
Clarion-Venango Dairy Princess Pageant, Clarion Sheraton, 8:15 p.m.

Friday, June 17

36th Delmarva Chicken Festival, Milford High School, Milford,

(Turn to Page A12)

OTIS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TWO SCARECROWS ANYMORE
DAVE CARPENTER

THE BIBLE SPEAKS

BY LAWRENCE W. ALTHOUSE

A FATHER-IN-LAW'S ADVICE

June 12, 1983

Background Scripture:
Exodus 2: 15b through 3:1; 4:18:1-27.

Devotional Reading:
John 1: 43-51.

Moses had come a long way since the last time his father-in-law had seen him. Jethro could remember when Moses was nothing more than an Egyptian fugitive whom he took into his home. Moses had been a nobody and some might have questioned Jethro's wisdom in trusting a complete stranger.

But it had turned out to be a good choice and, in time, Jethro had given his daughter Zipporah in marriage to Moses. After the passage of many years, Moses came to him and asked permission to take his family with him back to Egypt to join the Israelites there. Moses took with him, not only his family, flocks and possessions, but also a different concept of God which Jethro had taught him.

Moses Sat to Judge

Now, however, things were different Moses had become a renowned leader. The Egyptians quaked at the sound of his name and the tribes of Israel looked to Moses as God's prophet and their spiritual father. The God to whom Jethro had introduced his son-in-law had done marvelous works with and for Moses. What could have been more impressive to the priest of Midian than to see his son-in-law sitting from morning to evening to adjudicate the problems of his people.

But Jethro was not as impressed as we might have expected him to be. In fact, Moses was making a big mistake and he didn't hesitate to say so: "What you are doing is not good!"

That could very easily have been the end of the relationship right there. What son-in-law is not likely to bristle when his father-in-law tells him what he's doing is "not good"? After all, Moses was God's right-hand man. He had risen to the "top" in his profession as God's spokesman. Who did this back-country priest think he was, telling Moses he was on the wrong track?

Someone has said that "Behind every great man there stands a surprised mother-in-law." Perhaps it was that same feeling that had led Jethro to be critical of Moses' work. He could remember when Moses knew nothing at all about the Lord and Jethro was the one who had introduced them.

Not Able Alone

But it is obvious that Jethro didn't come to criticize his son-in-law, but to help him. He was deeply concerned about Moses and his ability to continue this back-breaking schedule. One must admire him for his generosity and concern.

And we must also admire Moses who, despite his great acclaim and stature as God's prophet, did not feel he was too important to learn from someone else—even a father-in-law. And the advice he gave Moses is still wise today: "the thing is too heavy for you; you are not able to perform it along." Nothing has "burned-out" more valuable people than the assumption that they were meant to carry the world on their shoulders all alone.

NOW IS THE TIME

By Jay Irwin

Lancaster County Agriculture Agent
Phone 717-394-6851

To Prepare Grain Bins

We are approaching barley harvest season with wheat not too far behind, so I would like to remind our grain producers that now is a good time to clean up your grain bins in preparation to harvest. First, clean out all the old grain, sweep down all the sidewalks and floors making sure to remove old grain lodged in the cracks.

Next, spray the floor and walls with a residual insecticide. Malathion and methoxychlor are still very effective - follow the label for directions. Finally, prevent birds and rodents from entering the bin. Repair holes with metal or other rat proofing materials. Clean up all spilled grain around the bin to discourage the various pests from the area.

To Remove Broken Limbs in Pastures

The high winds that accompany summer storms can create problems in pasture fields. Broken limbs lying around may be hazardous to your livestock. If you have any wild cherry or choke cherry branches lying in your pasture fields, be sure to remove them before allowing any livestock in the fields.

When leaves are damaged by broken limbs, they wilt down and a poisonous substance is formed within the leaves. Just a handful of these wilted leaves can kill a cow or several sheep if they are eaten. Death occurs very quickly because the poison interferes with the oxygen carrying ability of the blood. Treatment is possible, but the animals are usually found dead in the field.

The only way to eliminate the danger of wild cherry poisoning is to eliminate the trees. Fields with wild cherry should be checked for fallen limbs after a storm; it's a simple precaution and could save a cow or a whole herd.

To Use Respirators

A great many different types of chemicals and pesticides are used on farms today. This includes the mixing, handling and applying the various materials. We would urge farmers to invest in respirators to meet safety measures under today's farming procedures. These are needed for handling and applying various spray materials, and when using solvents that give off toxic fumes.

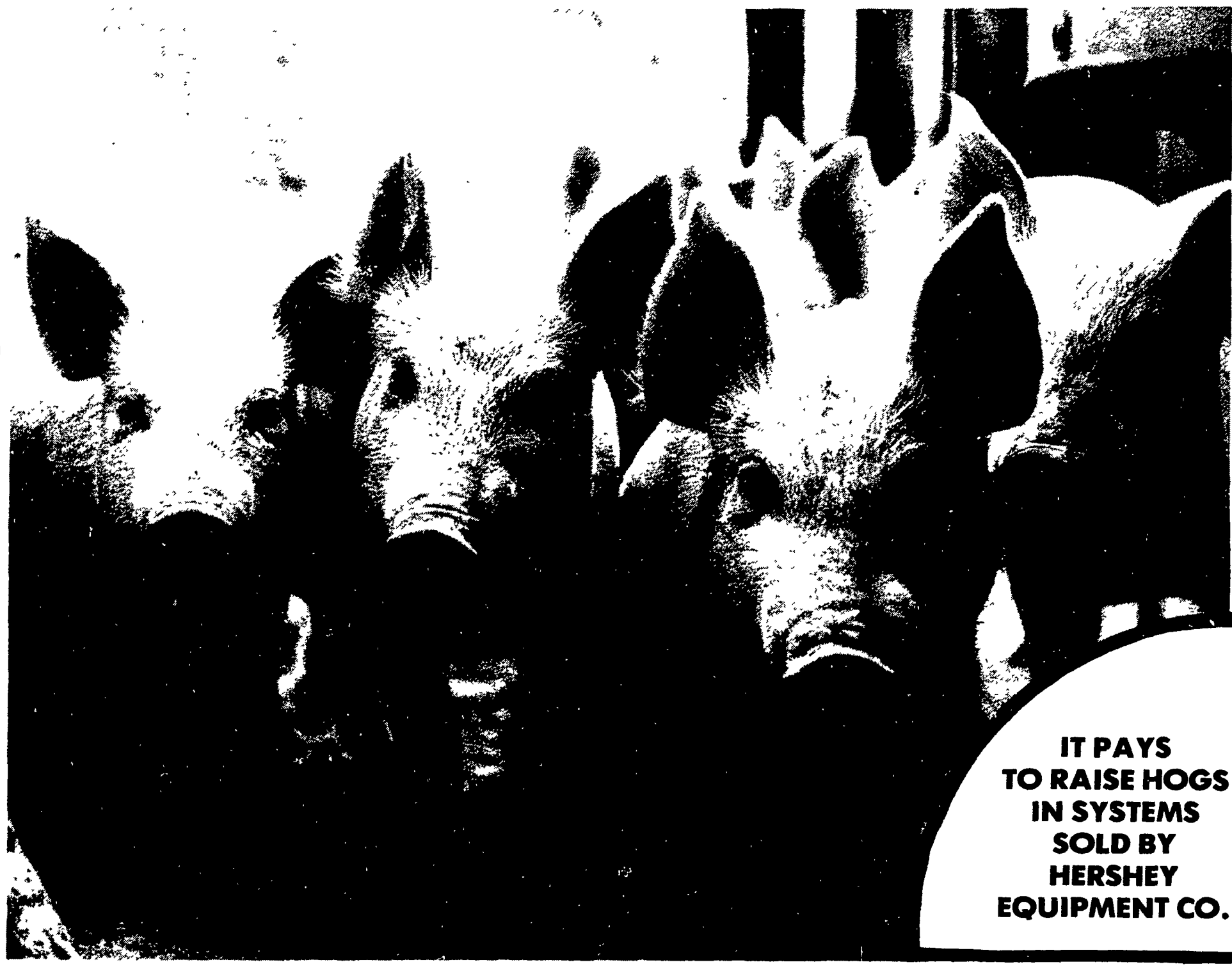
In addition, farmers working in dusty places, in manure storage tanks, and in silos should wear one of these protective devices. Dusts, molds and fumes are hard on lungs and require protection to reduce injury. The canister type respirators are suggested because they cover the entire face. Don't expose yourself to permanent lung injury when protection is available.

To Control Parasites in Livestock

The blood-sucking parasites of sheep, horses, and cattle thrive and multiply in large numbers during hot weather. Each female

(Turn to Page A12)

FROM START TO FINISH...



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Farm Calendar

(Continued from Page A10)

Del., continues tomorrow.
Cumberland County Dairy Princess Pageant.
Dauphin County Dairy Princess Pageant.
Annual Cedar Crest Young Farmers Banquet, 7 p.m., Schaefferstown Fire Hall.

Saturday, June 18

Annual summer picnic, Pa. State Brown Swiss Assn., Mase Farm, Lebanon.
Lancaster County Dairy Princess Pageant, Farm and Home Center.
Sullivan County Dairy Princess Pageant, Dushore.
Adams County Dairy Princess Pageant, 8 p.m., Biglerville High School.
Clearfield County Dairy Princess Pageant.
SUN Area Dairy Princess Pageant.
Perry County Dairy Princess Pageant.
4-H Horse Club Clinic, McKean Co. Fairgrounds, Smethport.
Junior Livestock Field Day, Penn State Livestock Center.
York County Farm Visit Program, 10 a.m. - 4 p.m., meet at Wolfe Poultry, R2 Seven Valleys.

Now is the Time

(Continued from Page A10)

worm produces up to 10,000 eggs daily during warm weather. These eggs hatch very quickly and just about all of the larvae survive when the weather is wet and also when there is enough grass to protect them from the sun. Within three weeks after eggs hatch, the larvae have reached the infected stage. When the animal eats grass contaminated by larvae, the life cycle is complete.

The latter part of June and July is a good time to give worm treatment to animals on good pasture. The newer worm medicines are safe, highly effective and easy to administer. However, the choices of medication depends on the type of worms in the animal. This can be determined by a microscopic examination by a veterinarian. Sheep and young cattle can be wormed by feeding them medicated worm pellets. Horses can be wormed through the feed. After giving worm medicines, the animals should be moved to a new pasture.

OUR READERS WRITE,
AND OTHER OPINIONS

When will we wake up?

Dear Editor:

In the June 4 issue of Lancaster Farming, it was interesting to note that on page A16 there appeared an article entitled, "PUC Lifts Aerial Ban." The article went on to say that utilities could begin herbicide spraying again. One lone Commissioner objected, Michael Johnson. Thank you Mr. Johnson for being the only one who really cares.

On page E5 of the same issue there appeared another article entitled, "Hints for Special Laundering" in which directions are given how to thoroughly launder yourself and your clothes after spraying with toxic sprays for weeds and pests.

Will we be told when the spraying will be done so that we may do this laundering in time?

There is no place that is safe to aerial spray any toxic material. Will the dead fish be blamed erroneously on acid rain? Will the deformed baby animals be blamed on radioactivity that was never dangerous from Three Mile Island?

When will we wake up? When 50% of the human babies born one day soon have birth defects and cancer?

Please Mr. Johnson scream for us out here.

Yours Sincerely,
Marna Mackay, Boyertown

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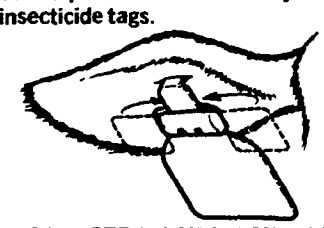

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Livestock market and auction news

New Wilmington Auction

New Wilmington, Pa.
Monday, June 6
Report supplied by PDA

CATTLE 221. Compared with the market two week's ago: Slaughter cows mostly $1 higher. Few Good slaughter steers 58.75-61.75, Standard 50.00-57.25. Good & Choice slaughter heifers 53.50-59.50, Standard 49.50-53.50. Utility and Commercial slaughter cows 46.00-49.00, couple 50.00 & 51.25, Cutters 43.00-46.25, Canner & Low Cutters 36.50-43.00. Couple Good slaughter bullocks 57.00 & 58.50, few Standard 50.00-51.50. Yield Grade #1 1100-1525 lbs. slaughter bulls 50.00-55.00, few #2 970-1250 lbs. 47.00-48.00. Medium & Large Frame #1 575-765 lbs. feeder steers 51.00-62.00. Medium & Large Frame #1 390-670 lbs. feeder heifers 48.00-55.50. Few Medium & Large Frame #1 350-515 lbs. feeder bulls 57.00-63.00, few 550-750 lbs. 52.00-59.00.

CALVES 200. Vealers mostly steady. Choice vealers 86.00-100.00, Good 74.00-88.00, few Standard 56.00-70.00, Standard & Good 90-120 lbs. 60.00-75.00, 65-85 lbs. 40.00-62.50, lot Utility 57 lbs. at 25.00. Farm Calves: Holstein Bulls 95-125 lbs. 68.00-90.00; Holstein Heifers 80-120 lbs. 75.00-90.00.

HOGS 482. Barrows and gilts $1.50-2.00 lower. US No. 1-2 195-245 lbs. barrows and gilts 45.50-46.25, No. 1-3 2-260 lbs. 44.50-45.75, No. 2-3 205-285 lbs. 41.75-44.50, lot No. 1-3 190 lbs. at 43.00. Sows $4 lower. US No. 1-3 290-670 lbs. sows 33.50-37.25, No. 2-3 300-660 lbs. 30.00-34.00. Boars 34.75-42.00.

FEEDER PIGS 41. US No. 1-3 20-30 lbs. feeder pigs 18.00-29.00 per head, No. 1-3 30-40 lbs. 28.00-38.00 per head.

SHEEP 178. Choice 60-110 lbs. spring slaughter lambs 48.00-58.00, Good & Choice 50-75 lbs. feeders 53.00-59.00. Slaughter ewes 5.00-19.50.

PENNSYLVANIA MARKETS

Eighty-Four Livestock

Eighty-Four, Pa.
Monday, June 6
Report Supplied By PDA

CATTLE 276. Compared with the market two week's ago: Individual Choice slaughter steer at 67.00, Good 60.00-64.50, Standard 54.00-60.50, Utility 49.00-54.50. Good slaughter heifers 58.00-62.00, Standard 53.50-58.50, Utility 49.00-53.00. Utility & Commercial slaughter cows 45.00-49.00, one 50.00. Commercial 4-5 46.00-49.00, Cutters 41.00-45.00, Canner & Low Cutters 34.00-41.50, Shells down to 24.00. Yield Grade #1 1100-1700 lbs. slaughter bulls 52.00-57.00, few #2 900-1300 lbs. 50.00-53.00. Medium Frame #1 400-600 lbs. feeder steers 62.00-69.50. Medium Frame #1 400-600 lbs. feeder heifers 57.00-64.00. Medium Frame #1 350-600 lbs. feeder bulls 65.00-72.00, few small Frame #1 400-600 lbs. 55.00-63.00.

CALVES 214. Vealers mostly steady. Choice vealers 80.00-88.00, Good 68.00-81, Standard & good 90-120 lbs. 56.00-74.00, 60-85 lbs. 48.00-61. Farm Calves: Hol. Bulls 90-125 lbs. 89.00-110.00, few Holstein Heifers 85-115 lbs. 80.00-100.00.

HOGS 114. Barrows and gilts strong to 50 cents higher. US No. 1-3 2-240 lbs. barrows and gilts 46.00-47.75, No. 1-3 210-250 lbs. 44.00-46.20, No. 2-3 220-255 lbs. 42.00-43.50, lot 285 lbs. at 40.50, few No. 1-3 160-180 lbs. 46.00-48.00. US No. 1-3 400-500 lbs. sows 41.00-43.00, No. 2-3 400-650 lbs. 32.50-39.00. Few Boars 33.00-35.00.

FEEDER PIGS 6. Few US No. 1-3 15-25 lbs. feeder pigs 20.00-33 per head.

SHEEP 246. Weak, $4-$5 lower. Choice 75-95 lbs. spring slaughter lambs 63.00-68.00, Good 70-95 lbs. 57.75-64.00, few 45-50 lbs. 69.00-73, 66-98 lbs. Shorn lambs 41.00-43.00, Utility 70-80 lbs. 55.00-60. Slaughter ewes 10.00-15.00. GOATS 5: 9.50-27.00 per head.

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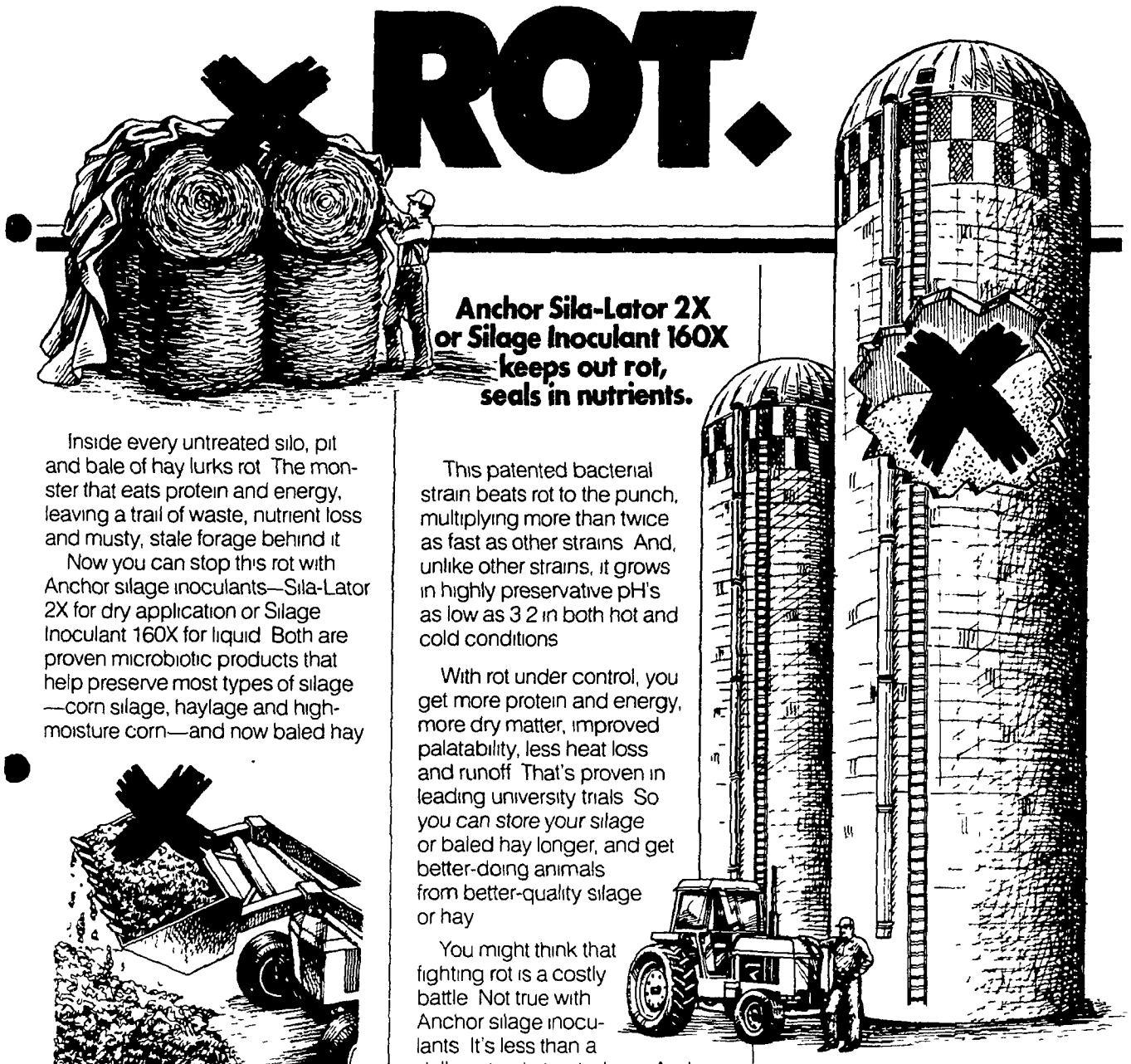

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Livestock market and auction news

Morrison Cove Auction

Martinsburg, Pa.
Monday, June 6
Report Supplied By Auction

CATTLE 198. High Choice & Prime slaughter steers 67.50-69.25, Choice 64.75-66.25, Good 60.25-63.75, Standard 55.50-59.25, Utility 45.50-54.25. Choice slaughter heifers 67.50-69.50, Good 62.50-65.75, Standard 56.50-61.25, Utility 48.50-54.25. Utility & Commercial slaughter cows 46.50-49.25, Commercial 44.50-46.25, Cutters 41.50-44.75, Canner & Low Cutter 38.50-41.25, Shells down to 32.50. Choice slaughter bullocks 56.50-61.50, Good 53.50-56.00, Standard 50.25-52.50, Utility 43.50-48.50. Yield Grade #1 slaughter bulls 56.25-59.25; yield grade #2 50.25-53.75. Choice feeder steers 62.50-68.50, Good 60.50-61.75, Medium 51.50-57.50; Good feeder heifers 60.50-64.50, Medium 47.50-54.50; Good feeder bulls 58.50-60.50, Medium 45.50-56.50.

CALVES 364. Prime vealers 90.50-100.50, Choice 82.50-92.50, Good 78.50-81.50, Standard & Good 110-130 lbs. 65.50-78.50, 90-110 lbs. 64.50-71.50, 70-90 lbs. 58.50-64.50, Utility at 50.00. Farm calves, holstein bulls 90-130 lbs. 92.50-118.50; holstein heifers 90-130 lbs. 94.50-147.50.

HOGS 322. US No. 1-2 200-240 lbs. barrows & gilts 48.10-49.25, No. 1-3 200-250 lbs. 47.00-48.25, No. 2-3 200-250 lbs. 46.00-46.75, No. 2-3 250-310 lbs. 44.25-45.00. US No. 1-3 300-600 lbs. sows 40.50-44.25, No. 2-3 300-600 lbs. 36.00-39.50. Boars 33.00-34.50, Light weights 35.50-38.75.

FEEDER PIGS 65. US No. 1-3 20-40 lbs. feeder pigs 28.00-40.50 per head, No. 1-3 40-60 lbs. 40.00-43.00 per head.

SHEEP 15. Choice 70-90 lbs. spring slaughter lambs 57.00-61.50, Good 60-80 lbs. 55.00-56.50, Utility 48.00-50.00. Slaughter ewes 12.00-22.50.

GOATS 5. 20.00-55.00 per head.

Lebanon Valley Livestock

Fredericksburg, Pa.
Tuesday, June 7
Report supplied by PDA

CATTLE 250: Compared with last Tuesday's market, slaughter steers unevenly steady. Slaughter cows strong to 1.50 higher, spots 2.00 higher. Two High Choice & Prime slaughter steers 66.75 and 67.25, Choice No. 2-4 1035-1395 lbs. 64.10-66.60, Good 62.00-64.85, Good & Choice holsteins 56.50-62.10, Standard 54.85-58.75, few Utility & Low Standard 45.00-50.85. Few Good & Choice slaughter heifers 57.25-62.75, Standard 50.25-54.85, few Utility 35.50-48.50. Utility & Commercial slaughter cows 46.00-49.00, few 51.50, one at 55.25, Cutters 43.75-46.25, few to 47.25, Canner & Low Cutter 38.75-43.00, few Shells down to 34.00. Few Good slaughter bullocks 54.85-56.00, few Standard 51.75-55.10, few Utility 47.25-50.75. Few Yield Grade #1 1350-1665 lbs. slaughter bulls 53.75-57.00. Lot Large Frame #1 feeder steers at 56.00, Large Frame #2 445-800 lbs. steers & bulls 40.50-52.00; few Medium Frame #1 375-640 lbs. feeder heifers 42.00-56.00; few Medium frame #1 500-645 lbs. feeder bulls 42.50-60.00.

CALVES 210: Vealers grading Standard & Good steady to 5.00 lower. Choice vealers 81.00-97.00, Good 62.00-79.00, Standard & Good 90-120 lbs. 65.00-72.00, 60-90 lbs. 53.00-65.00, Utility 35-75 lbs. 30.00-49.00. Farm calves, holstein bulls 90-120 lbs. 70.00-80.00; small number, bulk of supply sold as vealers; holstein heifers 80-125 lbs. 64.00-110.00, mostly 95.00-105.00; beef cross bulls & heifers 75-115 lbs. 70.00-82.00.

HOGS 213: Barrows & gilts mostly steady. US No. 1-2 210-250 lbs. & gilts 47.00-47.60, lot 47.85, No. 1-3 210-245 lbs. 46.75-47.10, lot No. 2-3 235 lbs. 46.00, few No. 1-3 185-195 lbs. 37.50-44.00. US No. 1-3 285-555 lbs. sows 36.50-38.50, few 40.00, No. 2-3 370-455 lbs. 34.00-37.00. Few Boars 34.00-36.00.

FEEDER PIGS 8: Lot US No. 1-3 61 lbs. feeder pigs 68.00 cwt.

SHEEP 3: Lot Good 27 lbs. 47.00. One Goat at 22.00 per head.

PENNSYLVANIA MARKETS

Greencastle Livestock

Greencastle, Pa.
Monday, June 6
Report Supplied By Auction

CATTLE: Butcher Steers-Choice 65.00-66.75; Butcher Steers-Medium–Good 54.00-64.50; Butcher Heifers-Choice Up to 62.85; Butcher Heifers-Medium–Good 48.50-60.50; Butcher Cows-Utility–Good 43.00-48.50; Butcher Cows-Canners and Cutters 40.00-47.00; Butcher Cows-Shells down to 38.00; Butcher Bulls-Medium--Good 52.50-61.50; Stock Steers-Medium–Good Up to 70.00; Stock Heifers-Medium–Good Up to 57.50.

CALVES: Medium-Good Calves-160-200 lbs. 75.00-90.00; Medium-Good Calves-125-160 lbs. 70.00-85.00; Medium-Good Calves-100-125 lbs. 65.00-80.00; Medium-Good Calves-80-100 lbs. 60.00-75.00; Holstein Bull Calves Up to 111.00; Holstein Heifer Calves Up to 126.00; Light and Green Calves down to 45.00.

SHEEP and LAMBS: Medium Lambs 50.00-52.00.

HOGS: Good-Choice Butcher Hogs 190-225 lbs. 44.00-46.25; Good-Choice Butcher Hogs 225-250 lbs. 45.50-46.25; Good-Choice Butcher Sows 400 lbs., down up to 37.00; Good-Choice Butcher Sows 400 lbs., up to 38.00; Heavy Boars Up to 34.00; Pigs-Per Head 25.00-39.00.

HORSE MARKETS

New Holland Horse

New Holland Sales Stables
Monday, June 6
Report supplied by auction

Reported receipts of 326 head of horses, mules, and ponies. Market: lower.

Pair of registered Work Horses $3,000.00; Better horses 525.00-700.00; Registered 850.00-1025.00; Driving horses 350.00-1175.00; Riding horses 375.00-475.00; Lightweight killers 325.00-375.00; Heavyweight killers 400.00-500.00; Mare Ponies 25.00-75.00; Pony Colts 15.00-25.00; Geldings 25.00-75.00; Larger ponies 100.00-225.00.

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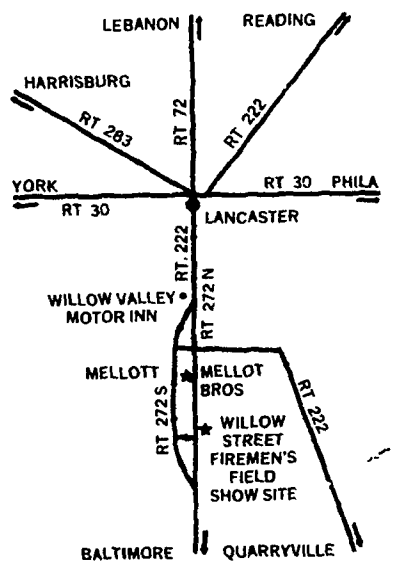

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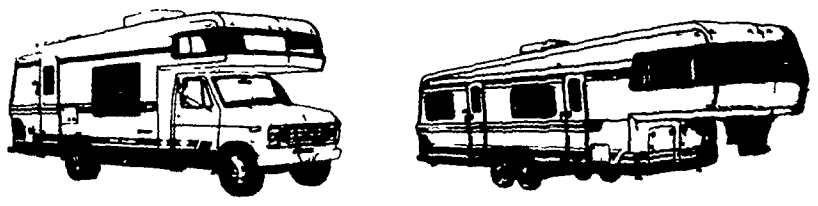

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Livestock market and auction news

Leesport Auction

Leesport, Pa.
Wednesday, June 8
Report Supplied By PDA

CATTLE 280. Compared with last Wednesday's market, slaughter steers mostly steady. Slaughter cows & bulls weak to $1 lower. Few High Choice & Prime 1115-1350 lbs. slaugther steers 66.60-68.50, Choice No. 2-4 1000-1335 lbs. 64.25-67.00, few Good & Choice holsteins 1240-1325 lbs. 56.25-59.75, Good 60.85-65.25, few down to 58.00, Standard 53.35-55.75, few Utility & Low Standard 48.25-52.75. Few Choice 1070-1265 lbs. slaughter heifers 59.50-62.50, few Good 56.60-58.00. few Standard 52.00-55.00. Utility & Commercial slaughter cows 45.25-48.50, few to 49.75, Cutters 43.75-46.60, Canner & Low Cutter 40.25-43.00, Shells down to [illegible]00. Few Choice slaugthter bullocks 63.50-65.25, few Good 56.00-60.75, Standard 51.25-56.35. Yield Grade #1 1365-2035 lbs. slaughter bulls 53.60-58.85, few to 63.50; few yield grade #2 925-1300 lbs. 45.00-52.85. Lot Large Frame #2 501 lbs. feeder steers at 58.50, Large Frame #2 670-935 lbs. 47.50-52.00; few Medium Frame #1 495-525 lbs. feeder heifers 61.50-63.50; few Large Frame #1 585-795 lbs. feeder bulls 54.75-61.50, few Large Frame #2 600-800 lbs. 47.00-47.50.

CALVES 170. Vealers steady to weak. Choice vealers 84.00-91.00, Good 74.00-85.00, Standard & Good 90-120 lbs. 69.00-72.00, 75-90 lbs. 67.00-70.00, few Utility 90-105 lbs. 60.00-68.50, 60-85 lbs. 40.00-62.50. Farm calves, holstein bulls 90-125 lbs. 88.00-102.00, few down to 70.00; holstein heifers 90-120 lbs. 80.00-87.00, few to 97.50; few beef cross bulls & heifers 75-110 lbs. 85.00-98.

HOGS 230. Barrows & gilts uneven, mostly steady to 50 cents higher. US No. 1-2 200-250 lbs. barrows & gilts 48.00-49.25, No. 1-3 210-250 lbs. 47.00-48.00, few No. 2-3 235-280 lbs. 42.00-46.00. Sows 50 cents to $1 lower. US No. 1-3 315-490 lbs. sows 37.50-39.50, few to 42.00, few No. 2-3 455-490 lbs. 35.75-37.25. Few Medium 250-400 lbs. 30.00-37.50. Boars 37.50-38.50, light weights 39.25-42.

FEEDER PIGS 289. US No. 1-3 30-35 lbs. feeder pigs 98.00-102.00 cwt., No. 1-3 35-50 lbs. 80.00-112.00, few down to 72.00, few No. 1-3 60-90 lbs. 70.00-76.00 few No. 1-3 160-170 lbs. 48.50-51.00 cwt.

SHEEP 37. Choice 50-75 lbs. spring slaughter lambs 80.00-90.00, lot 70.00. Slaughter ewes 9-15, & 32. Goats 27: Few Large 30-44.00 per head, Kids 23-35.00.

Omaha Cattle

Thursday, June 9
Report Supplied By USDA

At Wednesday's close slaughter steers and heifer prices ranged 1.00-1.50 lower than last week's closing trade. Cows firm to 1.00 higher. Bulls steady.

Lower carcass and boxed beef trends combined with the largest week's slaughter cattle receipts in 7 months to lower fed cattle prices. Potential losses, however, were held to a minimum by continued purchases of steers suitable for "Short Term" feeding. These kinds fell mainly into the 1025-1125 lb. bracket and carried good to average choice slaughter flesh. Overall finish continues fairly attractive as moderate weather has prompted excellent feeding conditions. Steers comprised 52 pct. of the week's receipts; Heifers 36 pct. cows 6 pct, feeders 5 pct. Four day receipts 14,389, last week 9,346, year ago 11,757.

At the close:

STEERS: Choice 2-4 1050-1250 lbs. 66.00-67.00, few loads to 67.50. Two loads two-way type cattle 1075-1125 lbs. 68.00. Mixed Good and Choice 2-3 1000-1150 lbs. 65.00-66.50. Few good 64.00-66.00. Mixed Good and Choice 2-3 1100-1400 lb. holsteins 55.50-57.50.

HEIFERS: Choice 2-4 950-1100 lbs. 63.50-64.75, load 75.00. Mixed Good and Choice 2-3 900-1025 lbs. 61.25-63.00. Few Good 58.00-62.00.

Average of LS 214 detailed quotations for 900-1100 lb. Choice steers 66.72, 1100-1300 lb.s 67.05. Average cost steers 66.64, average weight 1144 lbs., as compared 66.00 and 1160 lbs. a week ago. Average cost heifers 63.55, average weight 1002 lbs. as compared 64.00 and 1008 lbs. a week ago.

COWS: High Cutter, Utility and Commercial 1-3 40.00-43.50, few high dressing 44.00-45.00. Canner and Cutter 36.00-40.00.

BULLS: 1-2 1100-1900 lbs. 46.00-52.00. WFM

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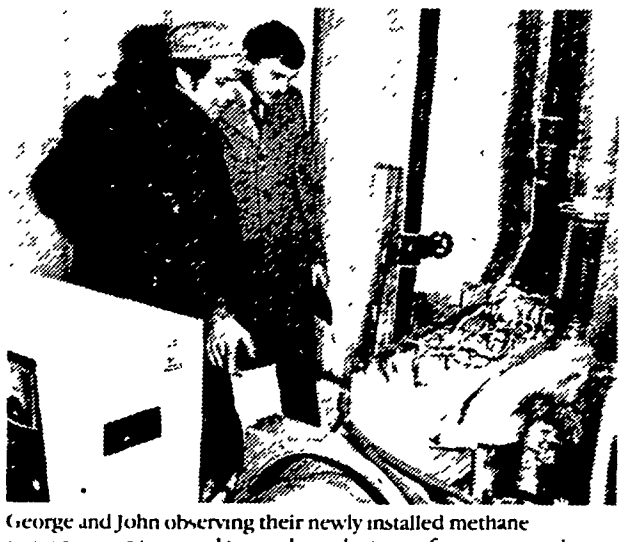
George and Mary Hurst, owners of the 350 cow dairy operation at Oregon Dairy in Lancaster County with John Moose, Assistant Director of the Agri-Finance Department of Hamilton Bank, reviewing their dairy records



George and John observing their newly installed methane conversion system used to produce electricity for operating the dairy complex

George and John observing part of the dairy complex

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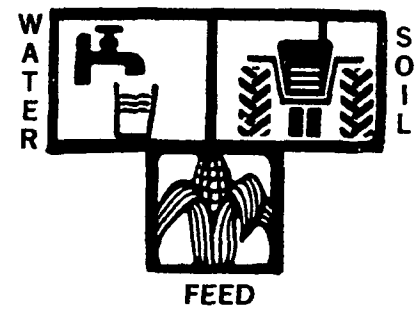

AT THE BUCK
PHONE: 1-717-284-2765

Livestock market and auction news

St. Louis Cattle

Thursday, June 9
Report supplied by USDA

Receipts This Week	4,000
Week Ago	1,800
Year Ago	4,900

Compared to last week, Slaughter Steers and Heifers weak to .50 lower. Cows weak to 1.00 lower. Bulls steady. Slaughter supply mainly Choice Slaughter Steers, around 35% Heifers and 10% Cows.

SLAUGHTER STEERS: Mixed Choice and Prime 2-4 1050-1275 lbs. 65.00-65.50, couple part load 65.75-66.00. Choice 2-4 950-1275 lbs. 64.00-65.00. Mixed Good and Choice 2-4 900-1175 63.00-64.00. Good 2-3 900-1175 lbs. 61.00-63.00. Mostly Good 2-3 1075-1325 lb. Holsteins 53.00-56.50.

SLAUGHTER HEIFERS: Mixed Choice and Prime 2-4 875-1100 lbs. 63.00-63.50, part load 63.75; few lots 4-5 950-1125 lbs. 54.50-58.50. Choice 2-4 850-1050 lbs. 62.00-63.00. Mixed Good and Choice 2-4 850-1000 lbs. 61.00-62.00; 750-850 lbs. 58.00-61.00. Good 2-3 750-950 lbs. 56.00-61.00.

COWS: (Closing week sales) Utility and Commercial 2-4 39.00-43.00. Boning Utility 1-2 43.00-44.00. High-yielding Utility 1-2 mostly 44.00, few 45.00. Cutter 1-2 38.00-42.00. Canner and low Cutter 1-2 33.00-38.00.

BULLS: YG 1-2 1025-1900 lbs. 48.00-54.00. Few YG 1 55.00. Couple outstanding YG 1 1900-2200 lbs. 56.00.

Wednesday's Weekly Sheep Auction receipts about 450 head. Compared last Wednesday, Spring Slaughter Lambs 1.00 to mostly 2.00 lower. Feeder Lambs 3.00-5.00 lower.

SPRING SLAUGHTER LAMBS: Choice and Prime 99-111 lbs. 53.50-57.00; lot Prime 96 lbs. 59.00. Few lots Choice 82-111 lbs. 50.00-52.50.

OLD CROP SLAUGHTER LAMBS: Couple lots Choice and Prime 111-115 lbs. wooled and shorn 44.00-45.50.

SLAUGHTER EWES: Individual head and few lots Utility and Good 10.00-15.00. Lot aged bucks 12.00.

FEEDER LAMBS: Small lots Choice and fancy 63-86 lbs. 43.00-47.00. Small lot Choice 96 lbs. 40.00.

FEEDERS: (Including around 700 at the regular Thursday auction.) Light supply represented grades and weights feeder and heifers about steady. Overall qualilty continues to be the poorest of the season, with the supply mainly medium 1-2 and small frame 1 400-700 lb. steers and heifers.

FEEDER STEERS: Medium Frame 1: Lot thin 235 lbs. 81.00; Few lots 435-450 lbs. 72.50-73.50; lot 835 lbs. 60.00.

Large Frame 1: Lot 607 lbs. 66.50.

Medium Frame 1-2 and some small frame 1: 300-575 lbs. 61.50-66.50.

Large Frame 2 Holsteins: Lot thin 518 lbs. 56.50; Scattered lots and individual head 585-850 lbs. 48.75-54.50.

FEEDER HEIFERS: Medium Frame 1: Few head 235-250 lbs. 65.00-69.50; Scattered lots 400-575 lbs. 57.25-62.50.

Medium Frame 1-2 and some Small Frame 1: 350-500 lbs. 53.25-58.50; 550-650 lbs. 50.50-54.75.

Medium Frame 2: Few Lots 750-850 lbs. 46.00-48.00.

Belknap Auction

Dayton, Pa.
Wednesday, June 8
Report Supplied By PDA

CATTLE 92. Compared with last Wednesday's market; few Good slaughter steers 57.75-62.50, one Standard at 55.25, few Utility 46.00-48.75. Couple Choice slaughter heifers 60.50 and 61.50, few Good 52.00-57.25, Standard 47.00-52.50. Few Utility & Commercial slaughter cows 46.00-50.25, Cutters 42.50-46.75, Canner & Low Cutter 35.75-42.50, Shells down to 25.00. One Standard slaughter bullock at 48.50. One Yield Grade #1 1485 lbs. slaughter bull 53.75. Medium & Large Frame #1 410-790 lbs. feeder steers 55.00-65.00; few Medium Frame #1 and #2 300-485 lbs. feeder heifers 53.50-56.00, few Medium & Large Frame #1 580-700 lbs. 45.00-51.50.

CALVES 104. Few Choice vealers 76.00-80.00, few Good 65.00-70.00, Standard & Good 65.00-70.00, Standard & Good 90-110 lbs. 64.00-71.00, 65-85 lbs. 53.00-63.00. Farm calves, holstein bulls 90-125 lbs. 69.00-98.00; holstein heifers 70-110 lbs. 65.00-92.50; beef cross bulls & heifers 70-150 lbs. 62.00-90.00.

HOGS 184. Barrows & gilts 50 cents to $1 higher. US No. 1-2 215-235 lbs. barrows & gilts 48.00-48.30, No. 1-3 200-250 lbs. 47.00-47.75, No. 2-3 210-280 lbs. 43.50-46.25, few No. 1-3 190 lbs. 45.00-47.50. Sows $2 to $3 lower. US No. 1-3 365-675 lbs. sows 37.00-43.25, few No. 2-3 535-735 lbs. 35.00-37.25. Few Boars 32.00-36.50.

SHEEP 25. Choice 65-95 lbs. spring slaughter lambs 50.00-60.00, lot 63.50. Few Slaughter ewes 10.00-13.00.

Belleville Auction

Belleville, Pa.
Wednesday, June 8
Report supplied by PDA

CATTLE 128. Compared with last Wednesday's market, slaughter cows .50-2.00 higher. Few Standard slaughter steers 51.75-54.75. Couple Standard slaughter heifers 55.00 & 56.00. Utility & Commercial slaughter cows 45.50-48.25, couple 51.75, Cutters 42.75-45.75, Canner & Low Cutters 39.35-42.85. Few Yield Grade #1 905-1965 lbs. slaughter bulls 48.50-56.00. Few Large Frame #2 430-550 lbs. feeder steers 53.00-54.75.

CALVES 176. Standard and Good vealers 70-100 lbs. 57.00-69.00. Farm Calves: Holstein Bulls 90-130 lbs. 68.00-105.00, mostly 85.00-100.00. Few Holstein Heifers 90-130 lbs. 71.50-85.00.

HOGS 191. Barrows and gilts 1.00-1.25 higher. US No. 1-2 2-235 lbs. barrows and gilts 48.00-59.40, No. 1-3 2-255 lbs. 46.60-48.85, lot No. 2-3 300 lbs. at 35.50. Few US No. 1-3 300-460 lbs. sows 34.00-42.00. Few Boars 33.00-35.75.

FEEDER PIGS 332. US No. 1-3 20-35 lbs. feeder pigs 20.00-30.00 per head, No. 1-3 40-65 lbs. 35.00-45.50 per head.

SHEEP 45. Mixed Good and Choice 45-90 lbs. spring slaughter lambs 58.00-71.00. Slaughter ewes 9.00-14.00. GOATS 17: Few Large 18.50-23.00 per head, Kids 9.00-21.00 per head. HOLSTEIN DAIRY COWS $450.00-1150.00 PER HEAD, INDIVIDUAL $1300.

Chambersburg Auction

Chambersburg, Pa.
Thursday, June 9
Report supplied by PDA

CATTLE: 330. Compared with last weeks market: Slaughter steers about steady; Sl. cows 2.50-3.50 higher. Sl. steers: (few) Choice 1100-1400 lbs. 62.85-64.75; Good 58.00-62.75; Standard 52.25-56.75; (few) Good & Choice 57.25-59.60. Sl. cows: Utility & Commercial 47.00-51.75; Cutters 44.75-48.75; Canner & L. Cutter 42.00-45.00; Shells down to 40.00. Sl. bulls: Yield Grade No. 1, 1300-2100 lbs. 53.50-58.25.

FEEDER CATTLE: Heifers, (few) Large Frame No. 1 & 2, 340-570 lbs. 46.00-56.00.

CALVES: 395. Vealers about steady. (few) Prime 96.00-102.00; Choice 85.00-95.00; Good 65.00-78.00; Standard & Good 70-105 lbs. 60.00-72.00; Utility 50-85 lbs. 50.00-62.00.

FARM CALVES: Hol. Bulls 25.00 lower. Hol. Bulls 90-130 lbs. 73.00-85.00; Hol. Heifers 75-150 lbs. 65.00-75.00.

HOGS: 122. Barrows and gilts 1.00 lower. No. 1-3 200-230 lbs. 46.85-47.60; No. 1-3 380-620 lbs. 35.50-37.50. (few) Boars at 34.75.

FEEDER PIGS: 7. One lot US No. 1-3 40 lbs. at 33.50 per head.

SHEEP: 31. Good & Choice 50-60 lbs. feeder lambs 48.00-52.00. (few) Sl. ewes: 12.00-14.00.

GOATS: 17. Large 19.00-29.00 per head.

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Livestock market and auction news

Indiana Auction

Homer City, Pa.
Thursday, June 9
Report Supplied By PDA

CATTLE: 134. Compared with last week's market: Sl. cows about steady. Sl steers: (few) Good 59.00-60.50; Standard 56.00-59.00. Sl. heifers: (few) Good 56.00-58.25; (few) Standard 51.00-53.00. Sl. cows: Utility & Commercial 44.50-48.75; Cutters 41.20-44.75; Canner & L. Cutter 34.50-41.50; Shells down to 26.00. Sl. bulls: Yield Grade No. 1, 1000-1600 lbs. 53.00-58.00; (few) Yield Grade No. 2, 1000-1200 lbs. 49.75-52.00.

FEEDER CATTLE: Steers, & Large Frame No. 1, 800-1000 lbs. 54.00-57.00; (few) Medium Frame No. 1, 600-800 lbs. 55.00-59.00. Heifers, Medium Frame No. 1, 380-800 lbs. 50.00-56.00.

CALVES: 130. (few) Choice 90.00-96.00; Good 70.00-85.00; 90-120 lbs. 64.00-80.00; 60-85 lbs. 58.00-66.00.

FARM CALVES: Hol. Bulls 90-125 lbs. 80.00-110.00; Hol. Heifers 90-120 lbs. 80.00-131.00.

HOGS 89. Barrows and gilts unevenly steady. US No. 1-2 230-250 lbs. 47.25-49.00, No. 1-3 210-250 lbs. 46.25-47.25; US No. 1-3 380-450 lbs. 36.00-38.00. (few) Boars 33.00-36.50.

FEEDER PIGS 45. US NO. 1-3 25-40 lbs. 27.00-35.00 per head; No. 1-3 65-70 lbs. 46.00-48.00; lot No. 1-3 18 lbs. at 15.00.

SHEEP: 68. (few) Choice 88 lbs. at 69.00; Good 75-85 lbs. 55.00-66.00; Utility 30-60 lbs. 50.00-60.00. Sl. ewes: 6.50-13.00.

GOATS: 9. 15.00-31.00.

Westminster Livestock Auction

Westminster, Md.
Tuesday, June 7
Report supplied by auction

BUTCHER COWS: Prices Steady! High Yield 47.00-49.00; Standard & Utility 43.00-47.00; Canners 40.00-43.00; Shelly 40.00 down; Slaughter Bulls 1400-2000 lb. (Good) 52.00-56.00; Fed Steers Scarce! Few Low Choice Hols. Cross 1100 lbs. 57.00-58.00, Few Good Hols. 1400-1650 lb. 54.00-56.00.

BUTCHER HOGS: Light Run - $1 Higher! US 1 & 2 240-260 lb. 46.75-47.75. Sows $2 lower. 300-625 lb. 34.50-36.25. Boars 300-400 lb. 32.00-33.25; 400-600 lb. 34.25.

VEAL CALVES: Choice 85.00-98.00; Good 70.00-85.00; Stocky 50.00-65.00; Killers 80-100 lb. 60.00-68.00; Weak & Rough 59.00 Down.

CALVES RETURNED TO FARM: Holstein Heifers 90-95 lb. 78.00-110.00; Holstein Bulls 95-125 lb. 75.00-102.00, mainly 80.00-96.00; Mature Goats 28.00-48.00; Kids Goats 10.00-25.00.

LAMBS: Choice 95-125 lb. 57.00-59.00; 50-85 lb. 51.00-56.00; Sheep 14.00-28.00.

STOCK CATTLE: Steady to $2 lower. Steers 250-350 lb. 73.00-78.50; 400-700 lb. 60.00-70.00; 700-825 lb. 63.00-63.50. Heifers 300-500 lb. 46.00-57.00; 500-800 lb. 49.00-54.00. Bulls 300-500 lb. 60.00-70.00; Holsteins 300-450 lb. 41.00-46.50.

PIGS AND SHOATS: Steady Prices. By The head 15-30 lb. 25.00-29.00; 30-60 lb. 27.00-45.50. By the Lb. St. Boars 150-200 lb. 51.00-54.00; 215-250 lb. 35.00-36.50.

New Holland Dairy

New Holland Sales Stables
Wednesday, June 8
Report supplied by auction

Reported receipts of 86 cows, 104 heifers and 7 bulls. Heifer market steady and cow market lower.

Load of Canadian purebred & grade fresh cows, 985.00-1050.00, springers 1050.00-1750.00. Load of Canadian fresh cows, 690.00-1175.00, springers 885.00-1150.00. Load of Pa. springers 910.00-950.00. Load of Franklin fresh cows, 570.00-940.00, springers 910.00-1200.00. Load of Pa. fresh cows, 630.00-935.00. Load of Canadian cows, 660.00-1000.00, springers 800.00-1100.00.

Locally consigned cows 460.00-960.00; Purebred 1050.00-1350.00.
Springing heifers 750.00-1025.00.
Open heifers 410.00-500.00.
Bulls 335.00-760.00.

North Jersey Livestock

Hackettstown, N.J.
Tuesday, June 7
Report supplied by auction

1322 head.

Calves 38.00-110.00; Cows 38.00-59.25; Easy Cows 34.75-45.75; Heifers 43.75-57.75; Bulls 44.50-58.25; Steers 43.50-60.75; Hogs 37.00-54.00; Roasting Pigs, each 31.00-40.00; Kids 8.00-37.00; Boars 36.00-38.00; Sows 34.00-40.00; Sheep 10.00-45.00; Lambs, each 31.00-54.00; Lambs per lb. 31.00-75.00; Goats, each 12.00-57.00; Hides 2.00.

(Turn to Page A25)

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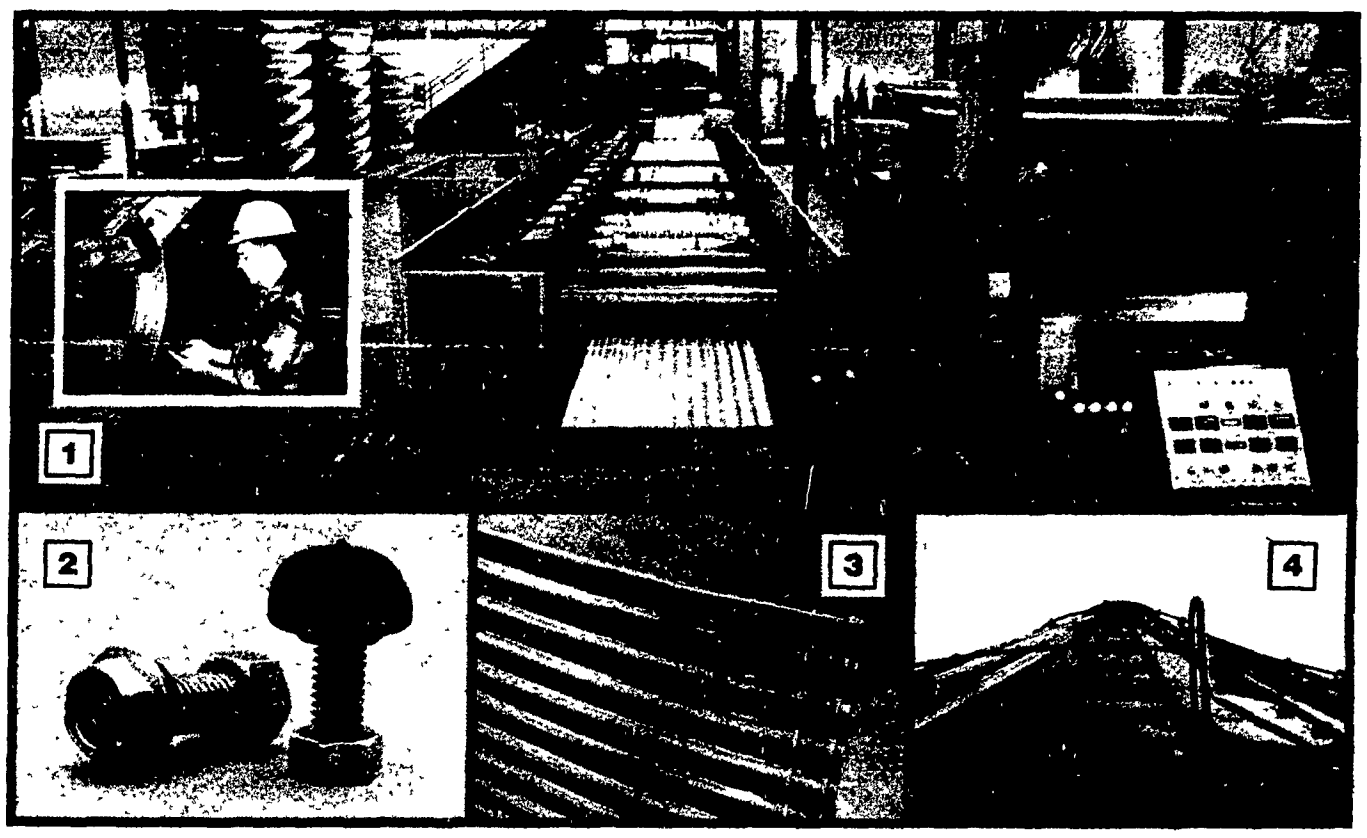

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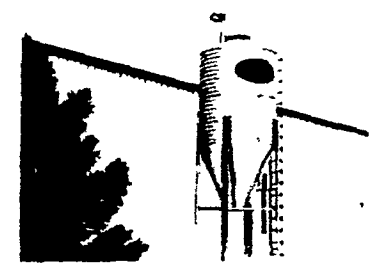

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Hallowell names surplus food committee

HARRISBURG — State Agriculture Secretary Penrose Hallowell has named the members of an advisory committee to assist in developing plans for coordination of future ribution of surplus foods to the dy.

The 31-membe committee, composed of olunteers representing fede , state and local government food banks, charitable organizations and other groups involved in the distribution program, meets for the first time at the Agriculture Department in Harrisburg at 1 p.m., June 9.

Hallowell said, "It appears that the Special Dairy Distribution Program of USDA will continue and expand through the remainder of 1983 and possibly into 1984. As the program, variety and quantity of surplus food products change, it is essential that Pennsylvania be in a position to provide its needy citizens with access to these products.

"Continued planning and coordination of local, state and national efforts will enable us to respond to the challenge of distributing surplus food products in an effective and efficient manner," he added.

Hallowell thanked the many public officials, individuals and organizations that volunteered to work on the advisory committee. He also thanked USDA for agreeing to participate in the committee's work and said that input from the federal level was important if modifications in the programs were to occur.

"Pennsylvania will continue its role as a clearinghouse for distribution of surplus foods to needy individuals and will work with state organizations and USDA to adapt our program for the future," Hallowell said.

Members of the advisory committee include: Lebanon County Commissioner Edward Arnold; Wyoming County Commissioner Robert Barziloski, Betty Bunteen, South Central Community Action Programs, Gettysburg, Rev. Guy Butler, Christ Episcopal Church, Meadville, James Cafaro of Rep. Richard J. Cessar's staff, Pittsburgh; Russel Chiodo of the Beaver County Commissioners Office; Linda Dezak, Northside Neighborhood Center, Pittsburgh; Rev. Dr. William Dupree, Pleasant Hills Community United Presbyterian Church, Pittsburgh; Rosanne Eckerson, Millcreek Township Coordinator, Erie; Armstrong County Commissioner Harry M. Fox.

Also, John Gaspich, Liquor Control Board, Harrisburg; Joyce B. Goss, Millcreek; Jackie Tocci of U.S. Senator John Heinz III staff; Thomas D. Lavorini, Butler; Susquehanna County Commissioner Jack Masters; Jim Morrison, McKeesport; Richard Newpher, Pennsylvania Farmers Association, Camp Hill; Captain Willard Owens, Salvation Army, Altoona; Rev. Charles Reider, Christian Churches United, Harrisburg; Steward Rosengrant, Wysox.

Also, Pokey Rummel, Indiana; Frank Selio, Philadelphia; Monroe County Commissioner Nancy Shukaitis; Major Raymond Simpson, Salvation Army, Lewistown; Mike McGee of U.S. Senator Arlen Specter's staff; Blair County Commissioner William C. Stouffer; Chester County Commissioner Robert J. Thompson; Robert A. Thorne, Clarks Summit; Lois Wetzler, York; Clair Young of Lock Haven; and Lorraine Carr of state Senator Edward M. Early's staff, Pittsburgh.

Eastern group to meet

EPHRATA — Daniel W. Fox, of Ephrata, District Eight Director of Eastern Milk Producers Cooperative Association has announced a local District Officers meeting will be held Monday, at 7:00 p.m. at the Leola Family Restaurant.

The purpose of the District Officers meeting is to discuss cooperative activities and possible resolutions that will be presented at a meeting of the delegate body, June 30 at the Hotel Syracuse, Syracuse, NY. Fox also anticipates discussion centering around the status of the current national dairy price support legislation.

A representative of Eastern's management will update officers on Eastern's improved financial performance and membership growth.

Local officers of District Eight represent Eastern Milk Producer dairy farm members in Lebanon, Lancaster, Chester, Berks, Montgomery and Delaware counties, producing approximately 113 million pounds of milk per year.

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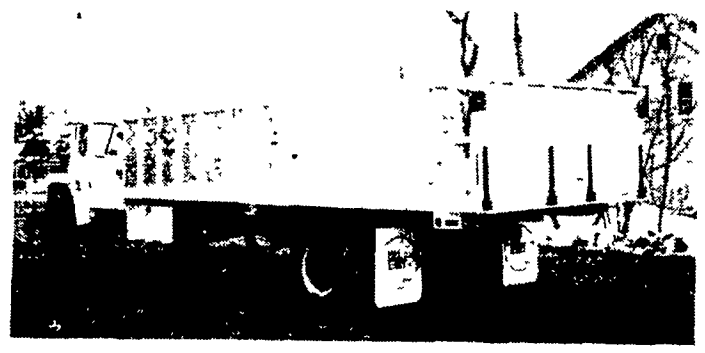

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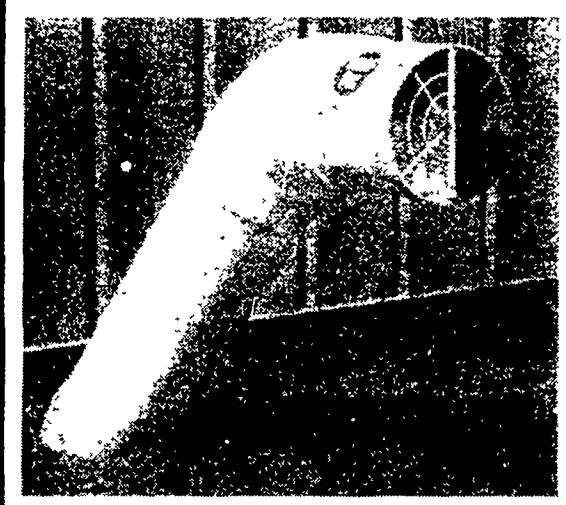

Manure storage pits have been constructed without providing for ventilation of the pit, particularly in buildings constructed several years ago when pit storage was first popular.

A non-ventilated pit results in a build-up of harmful, caustic gases, such as carbon dioxide, hydrogen sulfide, methane, ammonia and mercaptans.

Hydrogen sulfide and carbon dioxide are heavier than air and, as the level of pit waste rises closer to the slats, the gases are forced closer to the animals.

Results of inhaling these gases may be deep, fast breathing from CO_2. Hydrogen sulfide is one of the most toxic gases to animals and humans associated with liquid manure storage. This gas can cause severe irritation to the eyes and respiratory system and sometimes can result in death.

It is often difficult to make provisions for ventilating manure storage pits, but AAA Associates Inc. now offers a simple, sensible and inexpensive means of ventilating pits.

Virtually all liquid manure storage pits are equipped with pump out ports. For pump outs that do not extend into the manure, Pump Out Pit Fans can be adapted to the pump out ports.

The pit fans are housed in foot long 8" or 10" diameter PVC Pipe and can easily be adapted to existing pump out ports. The fans contain small, but powerful, highly efficient motors mounted on long lasting aluminum motor mounts. The propellers are airfoil design, cast-aluminum. All units are equipped with a vinyl-coated guard complete with plastic butterfly damper. All hardware and springs are stainless steel.

PVC pipe extensions and 45° elbows are available as accessory items. For six inch pump out ports, a reducer (8" to 6") may be used with fan model POPF-8 to provide ventilation through six inch pipe.

SPECIFICATIONS

FAN SIZE	FAN MODEL	MOTOR H.P	PROP RPM	CFM vs STATIC PRESSURE												
				0	.05	.10	.125	.15	.20	.25	.30	.35	.40	.45	.50	
8"	POPF-8	1/15	3400	585	570	545	535	520	485	315	275	250	230	210	190	
10"	POPF-10	1/6	3400	1155	1140	1120	1105	1095	1060	1045	1010	980	935	870	740	

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ORTHENE Tobacco Insect Spray is registered for use on both flue-cured and air-cured tobacco. So, why not put it to work in your field? You'll find that ORTHENE is an economical way to keep your pest populations way down and your tobacco returns way up.

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ORTHENE®

BET YOUR BOTTOM DOLLAR ON IT.

It's a mouth-watering, tummy-stuffing, fet-stomp

M

(Continued from Page A1)

wholesomeness of the Commonwealth farm products they were eating and drinking.

And the farm wares on display were as pleasant to the eye as to the palate.

The size of the soft white mushreooms rivaled the big red

(Turn to Page A21)

Officers of SUN Area FFA are Keith Kessler, Selingsgrove, left, vice president; and John K. Hauck, president, Mifflinburg.

The host

Walt Keister believes in promoting Pa. ag and does so with a big bash each spring at family's auction. Some 21,000 attended this week.

Commodity royalty

Commodity princesses and Chet Heim, Deputy Ag Secretary, helped observe the second annual Pa. Ag Promotion at Keister's Auction, Middleburg, Tuesday. SUN Area Dairy Princess is Annette Shirey and Cattle Queen is Kethy Snook.

Bob Garrett, of Le
apples. They came fro

Farmsted Buildings by Butler

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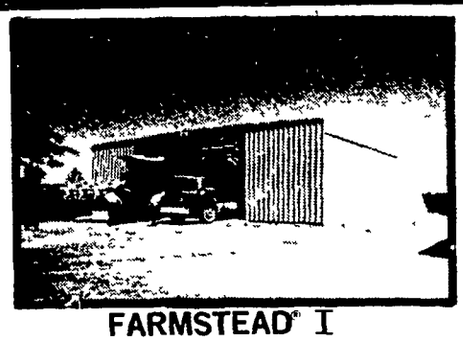
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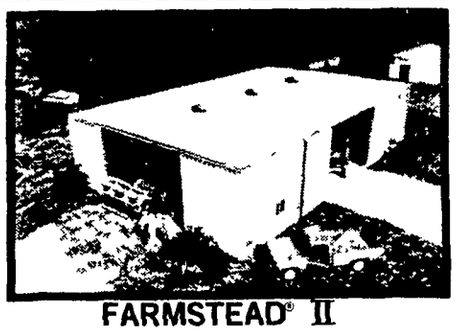
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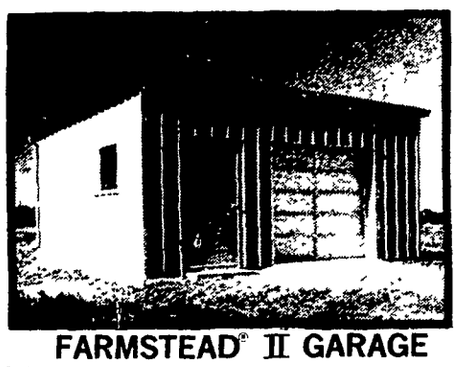
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ffing, foot-stomping ag happening in Snyder Co.

(Continued from Page A20)

apples that were across the aisle.

Even if you were farm bred and raised, you had to marvel at the quality and variety of the Pa. ag products. Somehow, when it's all gotten together in one place, it just boggles the mind as to how bountiful the farms of the Commonwealth really are.

And, there was "dessert for the soul" too. The Daddario brothers, Martin, 77, and Harry, 75, had the crowd hummin' with their down-home pickin' and grinnin'.

Martin picked with just about anything he could lay his hands on -- from a toothpick to a yardstick. None of these modern contraptions like a fiddle bow for him. He'd leave that for his kid brother, Harry.

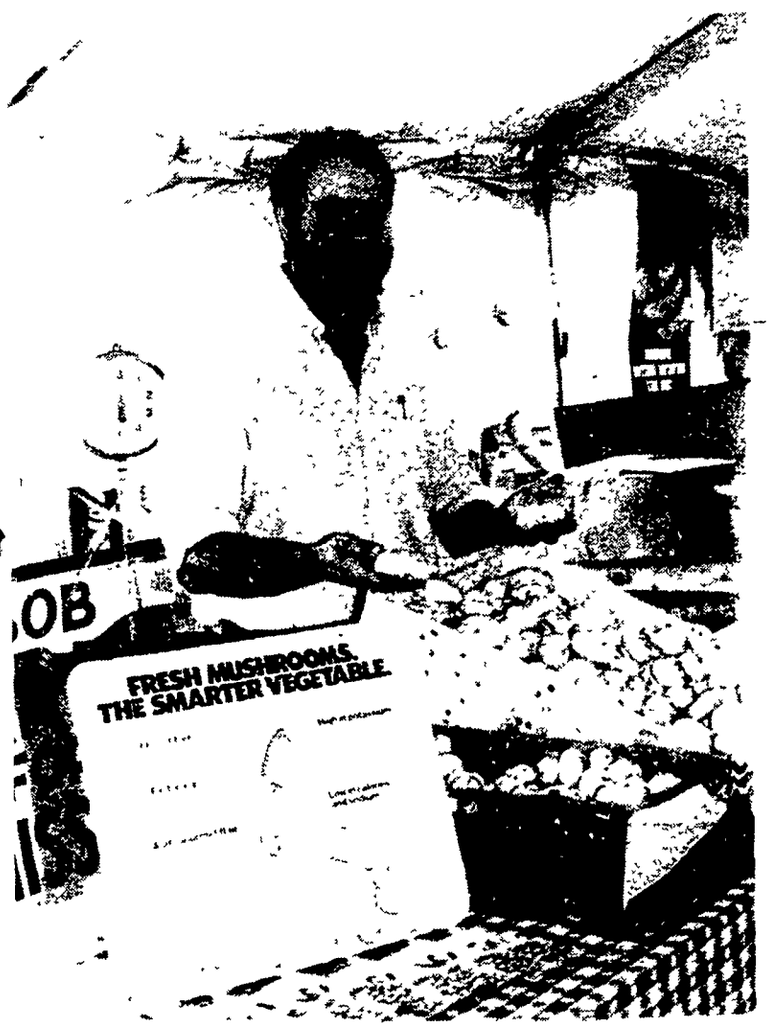
Martin made sawdust while he made music.

It was good old hill music and bluegrass at its best – no lessons, no reading music, just rearing back and let the tunes flow out of your head through your arms and fingers to the fiddles.

When Martin wasn't pickin' his fiddle, he was strummin' his guitar and playing the mouth organ hung around his neck.

(Turn to Page A23)

Mushrooms



Bob Garrett, of Lewisburg, holds mushrooms as big as apples. They came from Christiana, Lancaster County.

Home-cured meats

Next to home-cured hams, bacon and bologna are, from left, Tom Springman Sr., Lynn and Judy Egly, of Country Store Brand Meats, Pennsdale.

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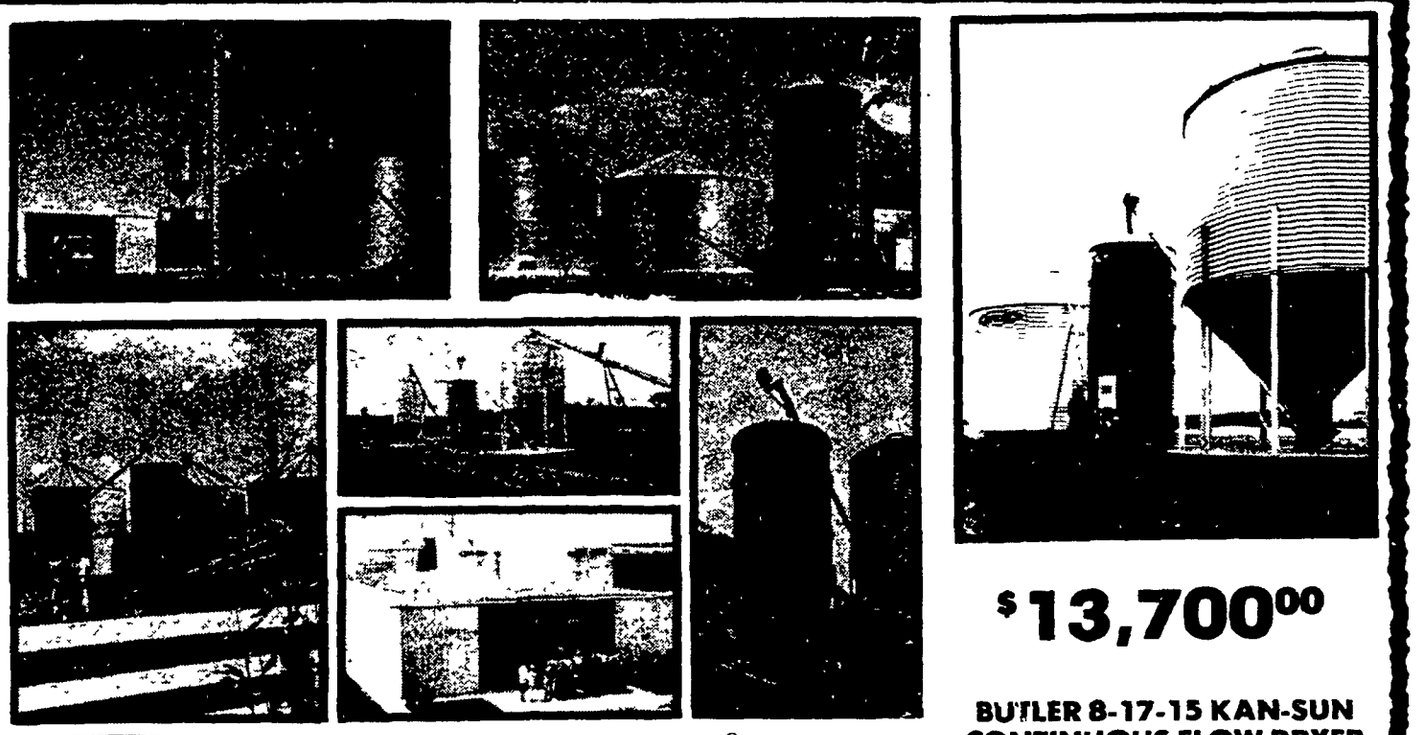

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Proclaiming Dairy Month in a tasty way

Pa. Ag Sec. Penrose Hallowell and State Dairy Princess Jolene Sue Snyder join Governor Dick Thornburgh in building a heaping sundae to officially proclaim June as Dairy Month. Ice cream and toppings were donated by Hershey Creamery, Hershey Foods Corp., The Northeast Ice Cream Association, Pa. Association of Milk Dealers and Strite's Orchards. The ceremonies took place in the capitol rotunda in Harrisburg on Wednesday.

BIG FARM POWER AND EQUIPMENT

STEIGER

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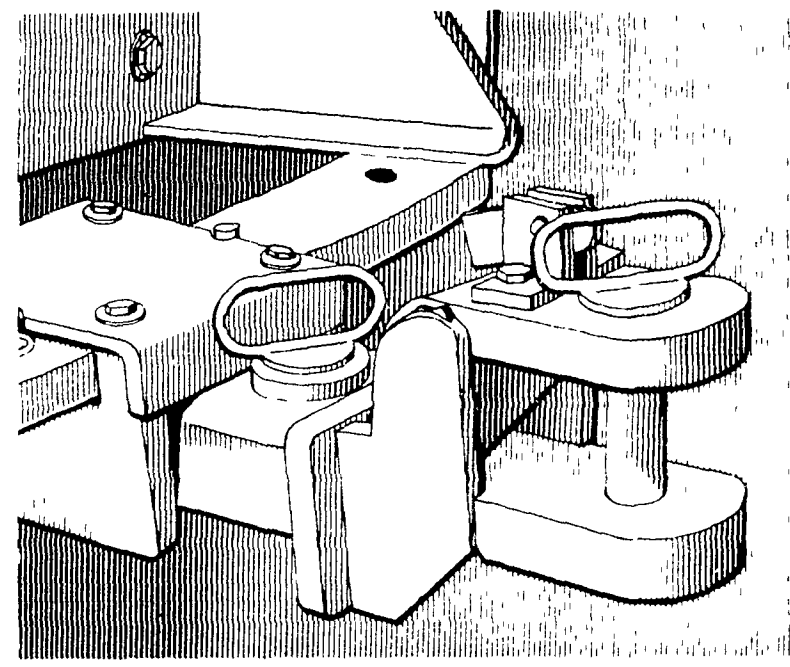

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Ag happening

(Continued from Page A21)

From youngsters in pigtails to oldsters with grey on top, the brothers had quite a few feet stompin', hands clappin' and even an occasional jig in the aisle.

"This was our second year," explained Walt Keister.

"Last year, we had 16,000 people our first time out and we're well over that this year.

(And, well they were – 5,000 or so.)

"We ran out of food last year and we'll run out again this year.

"We put up the tents and invite any group or individual with a Pa. farm product to come in and promote it free of charge.

"It's our way of helping to show how big and diversified that agriculture is here in Pennsylvania."

A mid-afternoon cattle sale also helped promote the event. And top price from the packer-buyers who frequent the auction was about 10 cents above market.

If you like ag, you loved Keister's on Tuesday.

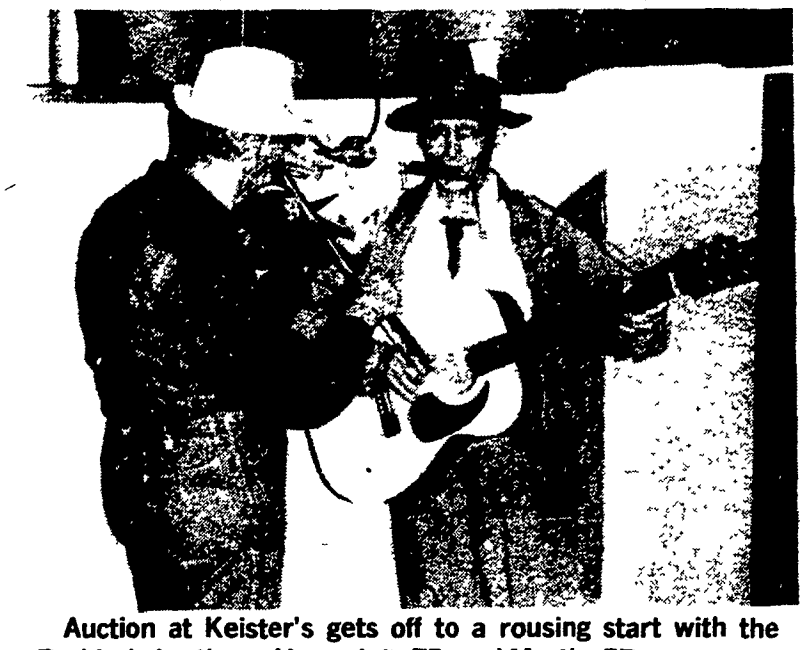
Now I ask you – is there a better way to spend a sunny spring day?

It's farm-grown heaven when you can just munch a homemade apple fritter, your jaws keeping time to Martin Daddario's yard-stick fiddle.

Start making plans Walt and Don – I can't wait until the third one.

Behind some rosy red apples are Mary Jo Dries and Philip Moody, of Dries Orchards, R3 Sunbury.

Eight-year-old Christene Muller holds maple syrup from Kinnan Century Trees Maple Products, Middleburg Center.



Auction at Keister's gets off to a rousing start with the Daddario brothers, Harry, left, 75; and Martin, 77.

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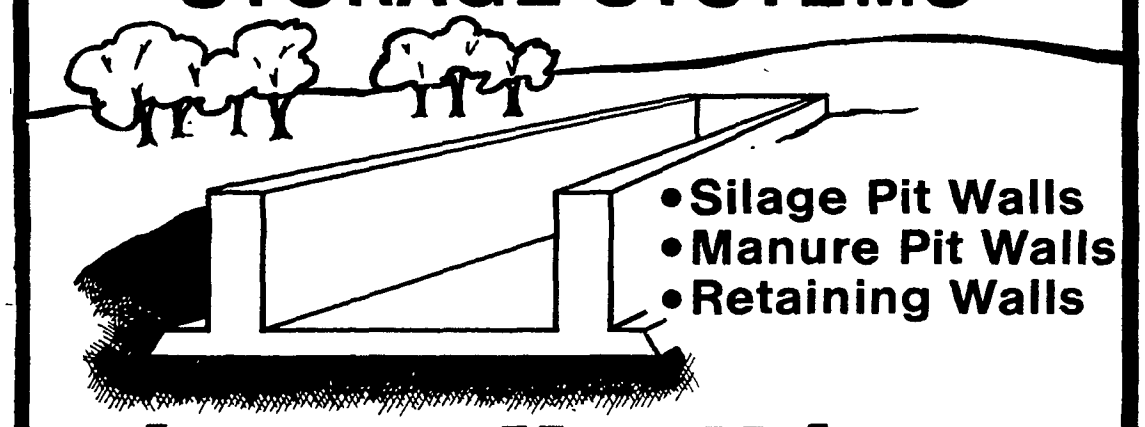

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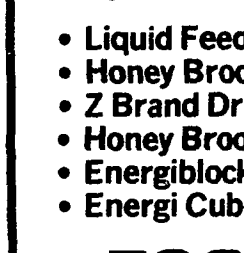

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Here's dairyman you can look up to

BY DICK ANGLESTEIN

MYERSTOWN — Lynn Ziegler is a young dairyman that you can look up to.

And you can look up to him for several reasons.

First, he's carrying on a proud dairy family tradition among one of the larger Holstein operations in Lebanon County.

Second, he promotes his product.

And third, you can literally look up to him because he promotes milk several hundred feet in the air as he soars over the Lebanon County countryside in his ultralight airplane.

The underside of the wings of the one-man hang glider with an engine clearly state for everyone below to see: DRINK MILK.

"I enjoy flying and at the same time I can help promote my industry," the 25-year-old dairyman explains.

Lebanon fairgoers may remember seeing him last August.

But the ultralight also has some quite practical uses on the farm. With a few hundred acres under cultivation and some 500 milking and young stock scattered over two farms, it helps to get around and check things.

What better way to start a day than go for an early morning spin down over the back pasture and see if any calves were dropped overnight.

"You can spot ground and chuck holes very easily," Ziegler said.

"As the corn is coming up, I can see where the fertilizer might have been too heavy or there were planting skips."

The small aircraft, which weighs only a couple hundred pounds, can take off in about 25 feet on a good day. The 15 HP. engine cruises it along at 35 mph, with top speed at 45 and stall speed at 17.

It has a 32-foot wing span so the DRINK MILK message can be read from a long way off.

The craft has a single swing seat- - actually more of a harness – and the plane is turned by moving the center of gravity of your body. It has a coordinated rudder for turns, too.

Ziegler got the ultralight last summer, buying it from Dale Hurst, of Country Craft Kitchens.

His wife, Kathleen, serves as ground crew when Lynn soars over the farm. His interest in flying was sparked in an aviation class he took at ELCO.

"It's something of a unique way in which we can advertise our industry," Ziegler adds.

The Zieglers – partnership of brother Leon and father Victor – now milk some 340 on two farms. The operation was started by grandfather Abram back in 1942.

The operation had been up to 575 milkers in the mid-70's.

Lynn also has another form of advertising and it's a bit unusual, too.

With all those cows and all those acres to fertilize, Lynn 's spreader is a 10-wheeler with a liquid tank on back.

And, Lynn has taken a can of spray paint to sketch a message on the side of the tank.

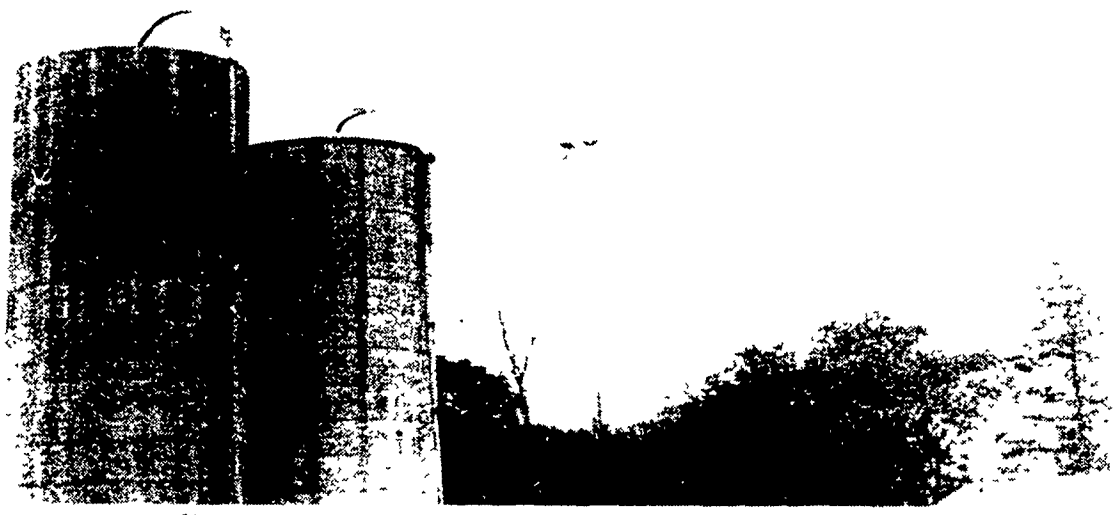
But most of his promotion is conducted in the skies.

So, if you're in a field and it sounds as if a wash machine is flying over, look up.

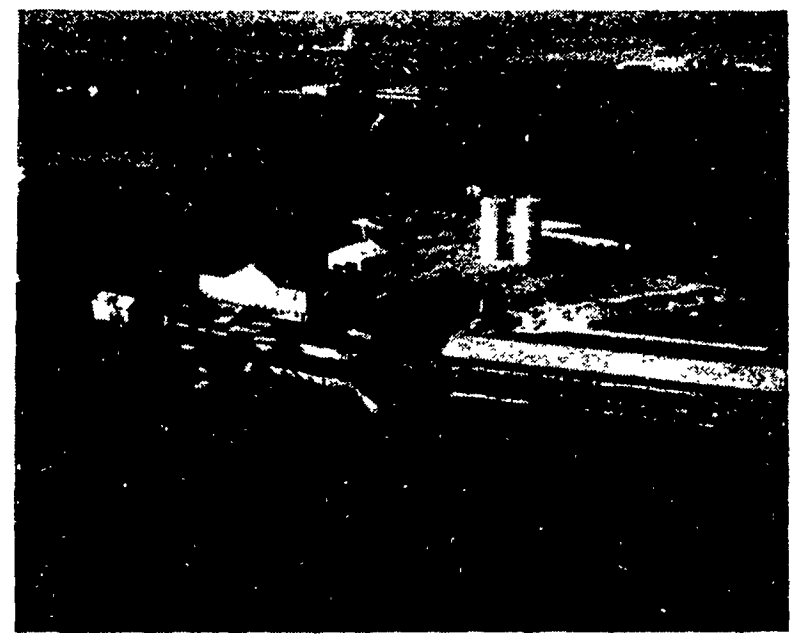
And then take the advice on the wings and have a tall, cool glass of milk.

Standing with ultralight aircraft are Lynn and Kathleen Ziegler.

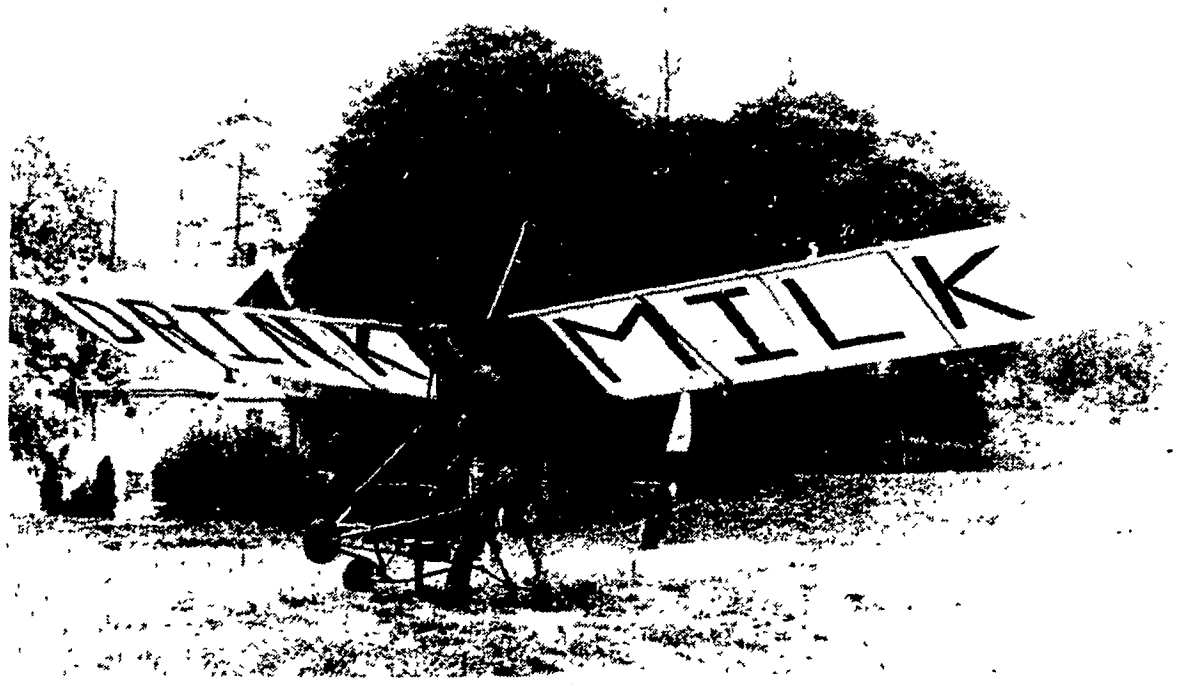
Coming in for a landing over farm pond is Lynn Ziegler, of Lebanon County.



Up and over farm's silos soars Lynn Ziegler, of R2 Myerstown.



Lynn Ziegler took this photo of family farm near ELCO High School while flying his ultralight.



A couple of tugs and she's ready for takeoff.

10-wheeler manure spreader even has a milk promotion on it.

Livestock market

Four States Livestock

Hagerstown, Md.
Wednesday, June 1
Report supplied by auction

SLAUGHTER: Fed Steers $1.00 lower. Low Choice 60.00-61.00; Good 56.00-59.00; Medium 55.00 down. Heifers- Good 51.00-53.25; Medium 50.00 down. Cows- Mostly steady. High Yield 46.00-48.25; Average 42.00-45.00; Big Middle 38.00-41.00; Fatty Herf. 37.00-40.00; Shelly 40.00 down. Fat Bulls- $1.00 lower. Good 55.00-58.75; Medium 51.00-54.00. Veal Calves- Steady prices. Choice 85.00-96.00; Good 75.00-84.00; Medium 65.00-74.00; Farm Hfrs. to 102.50; Farm Bulls to 104.00; Light & Weak 59.00 down. Lambs- $2.00 lower. Choice 56.50-59.75; Good 51.00-56.00; Medium 50.00 down.

STOCKER: Steers 300-550 lbs.- Very active steady prices. Choice 71.00-73.00; Good 66.00-70.00; Medium 60.00-65.00; Culls 59.00 down. Steers 600-850 lbs.- Choice 69.00-71.00; Good 63.00-68.00; Medium 62.00 down. Heifers (All Weights)- Choice 60.00-65.00; Good 53.00-59.00; Medium 45.00-52.00. Bulls- Choice 67.00-75.50; Good 60.00-66.00; Medium 59.00 down. Dairy Cows to 485.00. Pigs Hd.- $3.00 lower. 20-30 lbs. 25.00-31.00; 40-60 lbs. 32.00-40.00. Shoats by lb. to 45.00. Slaughter Hogs- Steady prices. 215-230 lbs. 45.50-46.35; 240-260 lbs. 45.00-46.60; 300-325 lbs. 36.75-40.00. Sows- 300-650 lbs. 36.00-39.50.

Joliet Cattle

Thursday, June 9
Report supplied by USDA

Friday through Wednesday's salable receipts 2,700; 4 days last week 2,446; same period ayear ago 2,922. Trading slow to moderate for the week. Average Choice and better Steers over 1150 lb. ended the week .50-1.00 lower compared with Wednesday of last week. Good to Choice Steers 1000-1150 lb. steady to instances .50 higher. Slaughter Heifers ended the week steady. Cows steady.

SLAUGHTER STEERS: Mixed High Choice and Prime 3-4 1200-1350 lbs. 66.50-67.25 Monday. Choice 2-3 1025-1150 lbs. 66.50-68.00 Monday; 67.00-68.00, load 68.50 Wednesday. Choice 2-4 1150-1300 lbs. 65.50-67.00; mostly 66.00-67.00. Mixed Good and Choice 2-3 1000-1125 lbs. 65.50-66.50.

SLAUGHTER HEIFERS: Choice 2-4 900-1075 lbs. 63.00-64.50. Mixed Good and Choice 2-3 900-1000 lbs. 61.00-63.00.

COW: Cutter 1-2 39.00-42.00.

Peoria Cattle

Thursday, June 9
Report supplied by USDA

Compared to last week Slaughter Steers finished steady. Heifers .50 to 1.00 lower, instances 1.50 lower on Choice 2-4 consignments over 950 lbs. Cows steady to 1.00 lower. Bulls about steady. Trade both Monday and Wednesday active on Steers, moderate on Heifers. Best demand remains centered on Choice 1050-1200 lbs. Steers and Heifers over 950 lbs. Majority of supply Good to Choice Steers and Heifers with 6% Cows and Bulls. Receipts this week about 2600 as compared to 1476 a week ago and 2221 a year ago.

SLAUGHTER STEERS: Choice 2-4 1000-1250 lbs. 66.00-68.50, mostly 67.00-68.00 on 1050-1200 lbs. Good and Choice 2-3 and few lots Choice 3-4 1000-1250 lbs. 64.50-66.00. Good 61.00-64.50.

HOLSTEINS: Good and Choice 2-3 1200-1350 lbs. 56.50-58.75.

SLAUGHTER HEIFERS: Choice 2-4 900-1100 lbs. 62.50-64.50. Good and Choice 2-3 850-1000 lbs. 61.00-63.00. Good 58.00-61.00.

COWS: Utility 1-3 40.00-43.00. Commercial 38.00-40.00. Cutter 36.00-40.00. Canner and Low Cutter 34.00-37.00.

BULLS: YG 1 1200-1800 lbs. 50.00-55.00. Low Yielding 48.00-50.00.

East Coast Carlot

Wednesday, June 8
Report supplied by USDA

Compared to Tuesday's close: Prime special fed veal generally steady. Good and Choice boning veal steady; Inshipped no sales reported. Compared to last week, Boneless Beef steady to 4.00 higher.

VEAL CARCASS
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Hide On
100 Head

220-280 lbs. LTD 190.00-192.00, steady.

Good & Choice
Boning Type
Hide On

Northeastern Suppliers: 65-75 lbs. 102.00-104.00, all steady; 55-64 lbs. 100.00-102.00; 45-54 lbs. 98.00-100.00; 35-44 lbs. 96.00-98.00; 34 lbs. down 94.00-96.00.

Inshipped: No sales reported.

BONELESS BEEF
7 Loads
(US and Canadian Origin)

Compared to last week: 90 pct chem lean, fresh 116.00, 3.00 to 4.00 higher; 85 pct chem lean, fresh 109.00, steady to 1.00 higher.

Beef Trimmings
2 Loads

65 pct chem lean, fresh 75.50, no comparison.

Weekly Summary

Friday, June 10
Report supplied by PDA

CATTLE; 8954. Compared with 5622 head last week, and 8384 head a year ago. Compared with last weeks market: Slaughter steers unevenly steady; Sl. heifers steady to strong; Sl. cows steady to 2.00 higher; Sl. bullocks & bulls uneven mostly steady to strong. Sl. steers: High Choice & Prime No. 3-4, 66.00-69.50; Choice No. 2-4, 64.00-67.00; Good 58.00-64.00; Standard 52.00-58.00. Sl. heifers; Choice 60.00-63.35; Good 54.00-60.00; Standard 50.00-54.85. Sl. cows: Utility & Commercial 45.00-49.75, few 51.75; Cutters 43.00-46.50, few 48.75; Canner & L. Cutter 38.00-44.00, few down to 34.00; Shells down to 25.00. Sl. bullocks: Choice 58.60-64.50; Good 54.00-59.75; Standard 50.00-56.00. Sl. bulls: Yield Grade No. 1, 1000-2300 lbs. 53.00-59.00; Yield Grade No. 2, 900-1450 lbs. 47.00-53.00.

FEEDER CATTLE: Steers, Large Frame No. 1, 600-1000 lbs. 54.00-65.50; Large Frame No. 2, 400-800 lbs. 47.50-58.50; Medium Frame No. 1, 400-850 lbs. 55.00-69.50. Heifers, Medium Frame No. 1, 375-700 lbs. 48.00-56.00, few to 64.00; (Few) Large Frame No. 2, 400-800 lbs. 45.00-52.00. Bulls, Medium Frame No. 1, 300-650 lbs. 57.00-63.00.

CALVES: 3703. Compared with 2820 head last week and 3890 head a year ago. Vealers steady to 5.00 lower, spots 10.00 lower. (few)

(Turn to Page A26)

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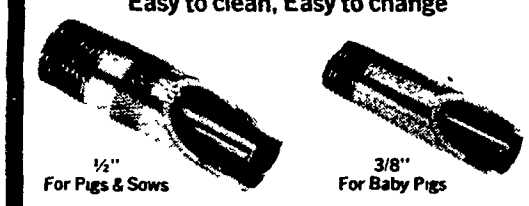

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USDA asks for milk tax comments

WASHINGTON, D.C. — As provided for in legislation adopted last year by Congress, the U.S. Department of Agriculture is proposing to maintain the dairy price support level of $13.10 per hundred pounds for the 1983-84 marketing year and increasing the deduction on all milk marketed commercially from 50 cents to $1 per hundred pounds, beginning Aug. 1.

According to Secretary of Agriculture John R. Block, the increased deduction would be made from proceeds from the sale of all milk marketed commercially by producers during the period Aug. 1, 1983 through Sept. 30, 1984.

Block said the two steps are being proposed to slow the rate of increase in milk production and reduce the cost of the dairy price support program.

Block said even if the two proposals are implemented, net price support purchases of milk and milk products by USDA's Commodity Credit Corporation are estimated to exceed 16 billion pounds (milk equivalent) during the current 1982-83 marketing year and to exceed 11 billion pounds during the 1983-84 marketing year.

According to current law, the first 50-cent deduction is authorized if expected net government purchases exceed 5 billion pounds (milk equivalent) and the second 50-cent deduction is authorized if expected net purchase exceed 7.5 billion pounds (milk equivalent).

He said the dairy deducation proposal also includes a provision for a refund of 50 cents per hundred pounds to producers who reduce their commercial marketings from quantities marketed during a designated base period.

The proposals appear in the May 31 Federal Register. The deadline for receiving comments is June 30.

Send comments to the director, analysis division, USDA/ASCS, P.O. Box 2415, Washington, D.C. 20013. Comments will be available for public inspection in room 3741 of USDA's South Building.

Weekly Summary

(Continued from Page A25)

Prime 96.00-130.00; Choice 85.00-95.00, few to 108.00; Good 65.00-85.00; 110-130 lbs. 60.00-75.00; 90-110 lbs. 57.00-74.00; 65-90 lbs. 53.00-68.00; Utility 50-90 lbs. 50.00-60.00.

FARM CALVES: Hol. Bulls 90-125 lbs. 68.00-125.00, mostly 73.00-98.00; Hol. Heifers 85-140 lbs. 64.00-131.00, mostly 70.00-100.00. Beef Cross Bulls & Heifers 50-90 lbs. 62.00-90.00.

HOGS: 7036. Compared with 2661 head last week and 8456 head a year ago. Barrows and gilts highly uneven. US No. 1-2 200-245 lbs. 47.25-49.50; No. 1-3 200-250 lbs. 46.75-48.25; No. 2-3 200-285 lbs. 43.00-47.00; (few) No. 1-3 140-190 lbs. 43.00-45.00; Sows steady to 2.00 lower. US No. 1-3 300-585 lbs. 35.00-43.00; No. 2-3 350-650 lbs. 32.00-37.25. Boars 32.00-36.50.

FEEDER PIGS: 1505. Compared with 1195 head last week and 1264 a year ago. Mostly 3.00-5.00 lower. US No. 1-3 20-35 lbs. 17.00-33.00 per head; No. 1-3 35-50 lbs. 27.00-43.00; No. 1-3 50-75 lbs. 38.00-47.00 per head.

SHEEP: 1250. Compared with 342 head last week and 858 head a year ago. Uneven. Choice 60-110 lbs. 50.00-68.00, with few to 100.00; Good 50-95 lbs. 50.00-60.00; 30-60 lb. feeder lambs 48.00-59.00. Sl. ewes: 9.00-25.00.

3 GRADED FEEDER PIG SALES: 3369. Compared with 2155 head last week, and 3208 head a year ago. All sales by CWT. Feeder Pigs 9.00-25.00 lower. US No. 1-2 25-40 lbs. 63.00-86.00, 40-50 lbs. 60.00-78.00, few to 86.00, 50-60 lbs. 55.00-79.00, few to 82.00, 60-90 lbs. 53.00-65.00; US No. 2-3 30-40 lbs. 54.00-64.00, 40-60 lbs. 50.00-51.00.

Eastern dist. 12 to meet

ELIZABETHTOWN, Pa. — Stanley Weaver, Jr., of Elizabethville, Pa., District 12 Director of Eastern Milk Producers Cooperative Association has announced a local District Officers meeting will be held Friday, June 17, 7:30 p.m. at the Rock Oak Country Kitchen, Millmont, Pa.

The purpose of the District officers meeting is to discuss cooperative activities and possible resolutions that will be presented at a meeting of the delegate body, June 30 at the Hotel Syracuse, Syracuse, N.Y. Weaver also anticipates discussion centering around the status of the current national dairy price support legislation.

A representative of Eastern's management will update officers on Eastern's improved financial performance and membership growth.

Local officers of District 12 represent Eastern Milk Producer dairy farm members in Lycoming, Clinton, Centre, Union, Snyder, Montour, Northumberland and Columbia counties, producing approximately 98 million pounds of milk per year.

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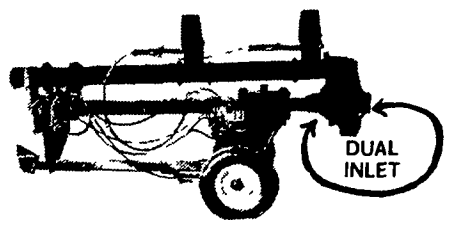

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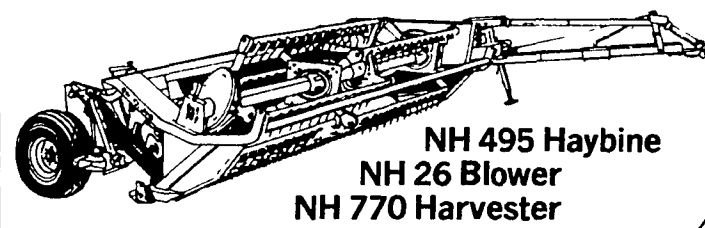
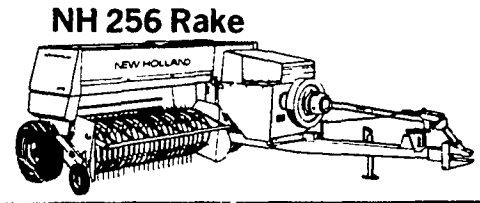
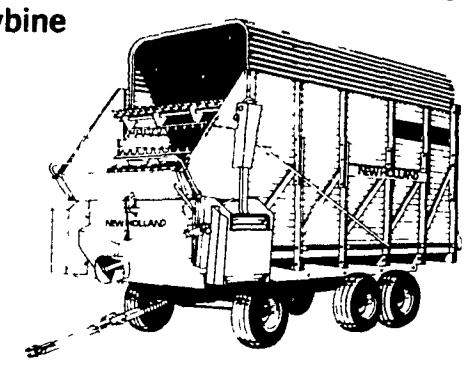
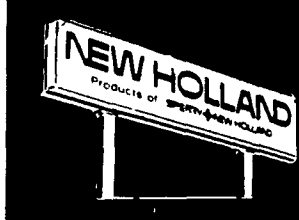

NH 273 Baler
NH 320 Baler w/Thrower
NH 495 Haybine
NH 26 Blower
NH 770 Harvester
(2) NH #7 Crop Carriers
IH 3 Pt. Mower
NH 56 Rake
NH 256 Rake







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Severe storms

(Continued from Page A1)

market building and were just ready to open," Mrs. Zimmerman added.

Crop damages include 12 acres of strawberries, sugar peas, cauliflower, broccoli, tomatoes (some already with fruit the size of golf balls), cucumbers in bloom, zucchini a half-inch long, raspberries, etc.

Produce acreage totals about 20 acres on the Zimmerman farm.

In addition to the new market building, the silo and other buildings were damaged.

Peach and cherry trees were also damaged.

The Union County storm apparently spawned in the southwestern corner and moved to the river, with damage reports as far as Turbotville, Northumberland County, east of the river.

Small grains, as wheat and oats, were hit, too. There were wheat heads on the ground. Hail was so big it broke strawberry plant stems.

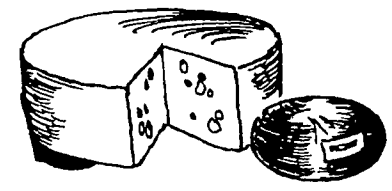
Gully erosion and high waters also caused problems.

In New Jersey, metal buildings were damaged on the Robert Manners farm, Ringoes; as well as the Donald Bowlby and Clarence Alles farms, Flemington.

"It hit us between 3:30 and 4 p.m.," explains Mrs. Manners.

"It took our steer shed and a lot of trees and poles were down.

"It was a real weird and fierce storm."



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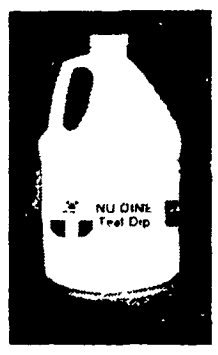

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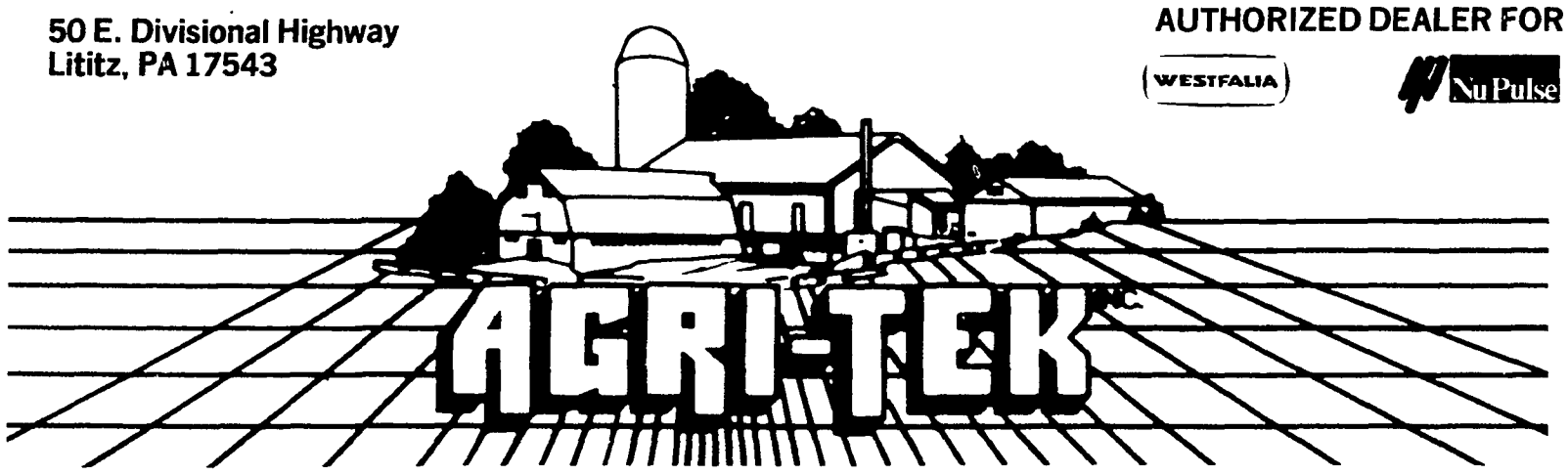

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A top-producing, total confinement herd is possible

BY DONNA MC CONAUGHEY

EVERETT — What makes a herd of registered Holsteins one of the top ten in Pennsylvania for production for three years, and high herd in Bedford county for four years?

This Everett herd is unique in many ways. The seventy-five cow herd is one-half red and white, never goes outside the stanchion barn in which it is housed, and the milking cows are fed only corn silage and grain. These unique factors are only part of the "total management program" to which Harry Wareham, of Everett, credits his herd's success.

"According to many students, I'm doing it all wrong," says Harry.

"I don't have any big blue silos, I don't have high-priced cows, the barn is not fancy, my feeding program isn't conventional, and I don't pay high prices for semen.

"But grins Harry, "this works for me and that's what counts!"

The "total management program" found at Wareham's may be unique in many ways but is conventional in the family's commitment and hard work which is seen in most top herds. Wareham is very proud of the fact that he only misses one or two milkings a year. The herd is milked twice a day for Harry and his brother, Mike Wareham; and the milking times are only varied by 15-30 minutes. Harry is quick to add that Mike deserves part of the credit for the herd average of 19,614 lbs. of milk and 802 lbs. of fat in 1982.

"Actually, I feel that I can only milk one-half of my cows right," says Harry.

These hard-working cows are fed grain twice a day by Wareham himself.

"My cows are individuals, and I feed them like individuals," he points out.

The grain is home-ground using ear corn, Master Blend supplement, soybean, and bicarbonate to yield a 22% ration. As mentioned before, the milking cows are fed only corn silage which is given free choice. Hay is given to the dry cows.

Wareham summarized his feedings program with, "The dairy business never talks about feed conversion but it still applies. That's what I aim for."

However, all management programs include much more than hard work and a good feeding program. Harry raises his own replacement heifers and some herd bulls. His breeding program

(Turn to Page A38)

Harry and Thelma Wareham stand in front of the barn which shows how they got their start in farming--Hampshire hogs. In Thelma's arms is Amanda, a pygmy goat kid which has become a favorite around the farm.

Harry Wareham stands with his top cow, an 8-year-old Ivanhoe Star daughter, who produced 30,179 lbs. of milk and 1422 lbs. of fat in 305 days. She has been sixth in Pennsylvania DHIA for two years and is currently milking 130 lbs. a day.

The second highest producing cow in the Wareham herd is a red and white Maple Lawn Cincinatti Red daughter. She stands quietly beside Make Wareham who has coaxed a 4-year-old record of 27,468 lbs. of milk and 1077 lbs. of fat from her. This hard-working cow is now topping the pail with 123 lbs. a day.

The Wareham's home farm is nestled against the mountains of Bedford county near Route 30 in Everett.

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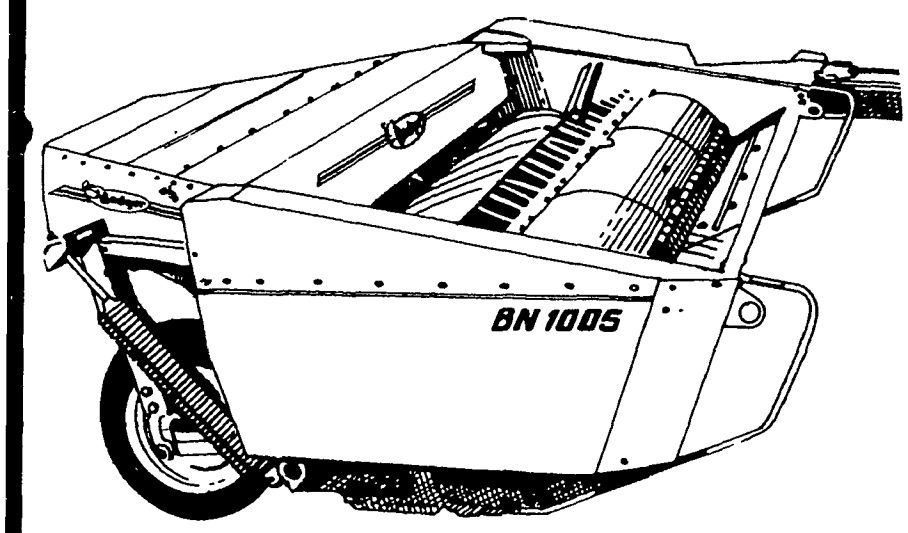

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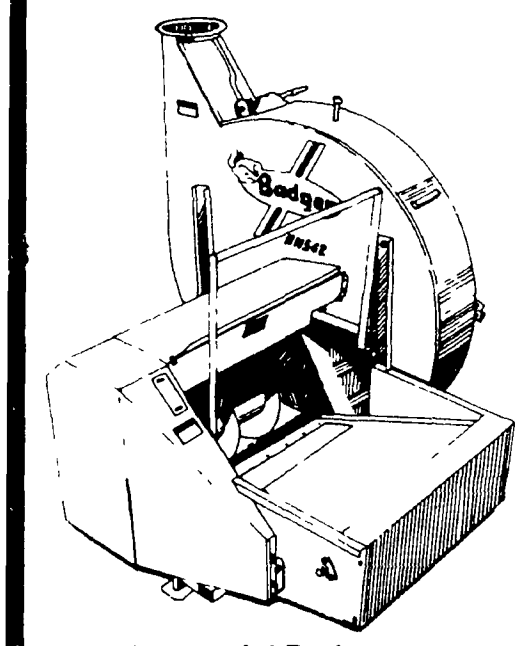

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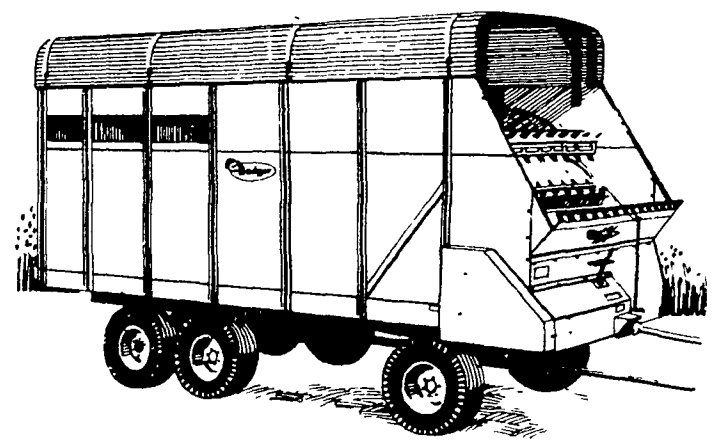

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It's still catch-up in the fields

HARRISBURG — Once again, showers prevailed throughout most of the commonwealth for the week ending June 5, limiting fieldwork to four days suitable according to the Pennsylvania Crop Reporting Service. In the southern and central regions four days were rated suitable, while only three days were suitable in the northern region.

Activities for the week included the harvesting of sugar peas and some strawberries; planting corn and soybeans; transplanting tobacco beds; making hay and haylage; cutting rye for silage; and plowing and spraying.

Soil moisture in the commonwealth was rated surplus by 67 percent and adequate by 20 percent of the reporters. In the southern region, soil moisture was rated 64 percent surplus and 36 percent adequate. Central reporters rated it 82 percent surplus and 18 percent adequate, while northern reporters rated soil moisture only 40 percent surplus and 60 percent adequate.

By the end of the week spring plowing was only 90 percent complete compared with virtually complete last year and the five year average for this time.

Statewide only 79 percent of the corn crop had been planted compared with 92 percent last year. In the southern region 85 percent of the corn was planted, in the central region 80 percent was planted and in the northern region 62 percent was planted. Cool and wet weather has delayed vigorous growth throughout most of the state, with an average corn height of only 2.5 inches. Some cutworm damage has been reported in a few of the northern counties.

Soybean planting was 41 percent complete in the commonwealth compared with 65 percent last year. In the southern region 45 percent was planted, 38 percent was planted in the central region and 42 percent was planted in the northern region.

Tobacco transplanting from the beds to the field was only 24 percent complete compared with 68 percent last year at this time.

At the state level 63 percent of the wheat crop was headed and less than five percent turning yellow, about the same as last year. In the southern region 80 percent was headed, in the central region 56 percent was headed and in the northern region only 39 percent was headed. Some evidence of rust and powdery mildew were noted by the reporters.

By the end of the week 73 percent of the barley crop was headed and 22 percent was turning yellow compared with 86 percent headed and 65 percent turning yellow last year at this time.

Oat crops throughout the state were virtually complete, the same as last year. Growth was variable throughout the commonwealth due to the wet, cool conditions. Some spotty fields have been reported.

Statewide, the first crop of alfalfa is 19 percent cut with the major portion going for silage, compared with 16 percent cut at this time last year. Weevil damage has still been a problem in most areas.

Clover-timothy cutting was nine percent complete compared with less than five percent cut last year.

The quality of hay made during the week was rated good by 24 percent of the reporters, fair by 57 percent and poor by 19 percent. The amount of feed obtained from pastures was rated above average by 27 percent of the reporters and average by 73 percent.

Farmers all over Lancaster County were busy this week setting out tobacco plants. Pictured here are the Buckwalters of Lititz.

Milk order change okayed

WASHINGTON, D.C. — More than the required two-thirds of affected dairy farmers polled have approved a U.S. Department of Agriculture emergency final decision to amend the Eastern Ohio-Western Pennsylvania federal milk marketing order.

Edward T. Coughlin, dairy official with USDA's Agricultural Marketing Service in Washington, D.C., said the amendment provides a 40-cent per hundredweight lower price on milk used to produce butter, nonfat dry milk and cheese through July, 1983.

The amendment is based on the record of a public hearing held at Middleburg, Ohio, in early March. It will become effective upon publication in the June 3 Federal Register.

The change was requested by Milk Marketing, Inc., which represents large numbers of producers in the marketing order area. The amendmest is needed because of an unusual surge in surplus milk volumes handled in the market, Coughlin said.

Because of the urgency of the problem in the market, the usual recommended decision and public comment period were omitted, he said.

The USDA emergency decision also adopted a similar pricing change, already approved by the affected dairy farmers, for the Ohio Valley milk marketing order.

Copies of the amended order also are available from the market administrator, or: Dairy Division, AMS, USDA, Washington, D.C. 20250.

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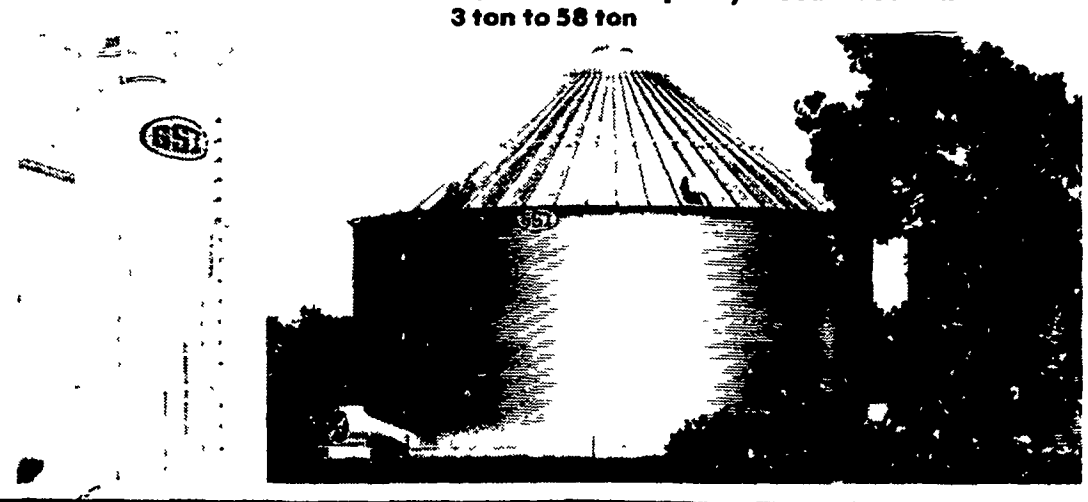

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Braund gets Penn State alumni award

UNIVERSITY PARK — Dr. Darwin G. Braund, of Syracuse, N.Y., director of Dairy and Livestock Research and Development for Agway, Inc., is the recipient of the third annual Philip Philip Mitchell Alumni Service Award at Penn State.

The award goes to a Penn State graduate who has made a significant contribution of talent, time and money on behalf of the University. It consists of a plaque and a $1,000 check to be given to a University project of the recipient's choosing.

It was established from funds contributed by Philip Philip Mitchell, of State College, chairman of the board and retired president of Philip Philip Mitchell Advertising, Inc., of Atlanta. A 1943 graduate of Penn State, Mitchell returned to State College to live a few years ago.

He established the award to "to stimulate awareness among Penn Staters of the importance of contributing to society in general and to their alma mater in particular."

"I've always felt very strongly that people who benefit from the resources of a university — any university — have an obligation to repay that debt later," Mr. Mitchell said of the award at last year's presentation.

"I consider Dr. Braund to be one of our most energetic and outstanding workers for his alma mater," says Samuel H. Smith, dean of the College of Agriculture. "He is constantly searching for ways to improve programs or facilities within our College and urges others to do the same."

This spring, Dr. Braund was named the 1983 distinguished alumnus in dairy science at Penn State. Selected for that honor by faculty members in the Department of Dairy and Animal Science, he was honored during the annual banquet of the Penn State Dairy Exposition held May 7.

A member of the College of Agricultural Alumni Society, Dr. Braund is serving his second three-year term on the Society's board of directors. He was active in gaining support for the Jerome K. Pasto Agricultural Implement Museum at Penn State's Rock Springs Research Center. More recently, he was appointed a member of the Penn State Ag Arena Committee, and he has been active in providing

lay leadership in fund-raising for that project.

"Dr. Braund has offered his services to students and student clubs, as well as to faculty members," Dr. Smith says. "He has served as an official judge at various student events and participated in a number of Penn State Dairy conferences, at no charge to the University."

At Agway, Dr. Braund is responsible for the Agway-College Dairy Feeding Conference, a two-day event attended by dairy nutritionists from throughout the northeast. Each year, Agway awards approximately $50,000 in reasearch grants in conjunction with this conference.

Dr. Braund is a 27-year-member of the American Dairy Science Association and serves on the editorial board of the Journal of Dairy Science. He assisted in developing and organizing the national meeting of the American Dairy Science Association hosted by Penn State in 1982. He has held numerous committee assignments and chairmanships in ADSA, and is currently chairman of the program committee for the 1982 ADSA annual meeting.

After graduating from Penn State, Dr. Braund worked for two years on the University's Dairy Science Extension faculty conducting educational programs throughout Pennsyvlania. He later worked as a dairy specialist and assistant director of research for Beacon Feeds of Cayuga, N.Y.

He earned a Ph.D. at the University of Wisconsin and then went to the University of Kentucky as head of Dairy Science Extension, a position he held until he joined Agway.

The 1982 recipient of the Mitchell Award was Harold C. O'Connor of State College, a 1952 Penn State graduate in physics and president of CHEMCUT Corporation in State College. The 1981 recipient was the late H. Leigh Woehling, vice president of International Salt Company, Clarks Summit. Mr Woehling earned a bachelor's degree in animal industry at Penn State in 1947 and a master's degree in the same field two years later.

Wayne wool pool Tuesday

PLEASANT MOUNT — The annual Wayne County Wool Pool, sponsored by the Wayne County Wool Growers Association, will be held Tuesday, 8 a.m. until noon, at Frank Machek's barn, three miles east of Pleasant Mount at the intersection of Routes 371 and 247.

The wool has been purchased by the Banbury Wool Co., Danville, Ohio, for the following prices: 3/4-1/4 medium staple – .4836 per pound, 3/8-1/4 medium clothing – .4336, 3/8-1/4 medium reject – .4036, low 1/4 – .4836, fine staple – .4836, 1/2 staple – .4836, fine & 1/2 clothing – .4036, fine and 1/2 reject – .4036, tags – .10, natural colored - - .4036.

While the wool market is still depressed, the price is up slightly from last year. For sale purposes the wool is combined with the wool from Susquehanna, Wyoming, Bradford, and Sullivan Counties.

Anyone who has wool to sell is welcome to market it through the Wool Pool. There is a small deduction in the price to cover the cost of operating the pool.

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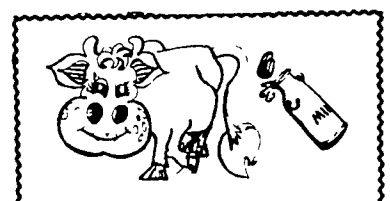

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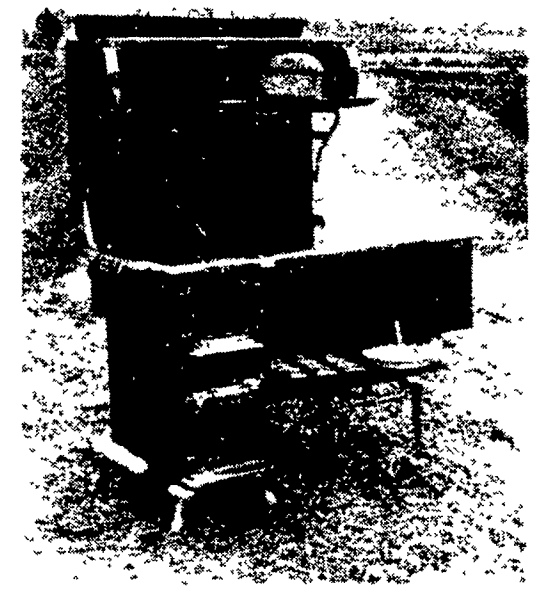

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Johne's funding

(Continued from Page A1)

of the Senate Ag Committee said the sum requested for funding the research project was a modest sum compared to some items on the budget. But Morris warned, "The commonwealth of Pennsylvania is suffering a worse disease than Johne's, consumption. Consumption of the purse."

Objectives of the proposed Johne's research as they were presented by Dr. Whitlock are:

Year 1 - To determine frequency and geographic distribution of Johne's disease by examining adult cows at slaughter.

- To establish the economic impact of Johne's disease cows identified at slaughter.
- To compare diagnostic methods for Johne's in adult cows at slaughter from the aspect of accuracy and cost of the test.

Year 2 - To determine the prevalence of Johne's disease within Pennsylvania dairy herds identified by positive and negative cows as in year 1.

- To compare the sensivity and specificity of diagnostic tests for Johne's disease in the herd survey.
- To evaluate the economic loss associated with Johne's disease in dairy herds and to establish economic constraints of Johne's control programs.
- To determine the frequency of isolation of Johne's bacillus (Mycobacterium paratuberculosis) from controlled inoculated enviromental sites.

Year 3 - To evaluate alternative laboratory tests as a means of diagnosis for Johne's disease.

- Quantitive and qualitative analysis of environments naturally contaminated by cows infected with Johne's bacillus.
- To cooperate with Pa. Dept. of Agriculture, Bureau of Animal Industry in development of a Johne's disease control program for the state.
- To complete scientific manuscripts on all aspects of the research projects.

A supplemental objective is to evaluate a new treatment method, using Lamprene, a drug used in human medicine for leprosy. This two year project will involve five goats and five positive cows treated with Lamprene and monitored on a weekly basis with laboratory tests.

Max A. Buskirk, Jr., V.M.D., Director of the PDA, Bureau of Animal Industry (PDA-BAI) gave an update on the present regulations and control program in Pennsylvania.

According to Buskirk, the state requires an intrastate health certificate when shipping cattle within the state. Health certificates cannot be issued for any animals with a positive Johne's fecal culture. Animals proven to positive after fecal culture must be quarantined. Any animals exposed to Johne's positive animals,(for example herdmates), must be identified as such on their health certificate.

Pennsylvania does not presently require testing for Johne's, said Van Buskirk. Animals once proven positive for Johne's must be quarantined for life. The only way to remove the quarantine is to have the animal slaughtered or to have the animal proven negative by fecal culture. The fecal culture is the official test used by PDA-BAI at the Summerdale laboratory.

Dr. Van Buskirk said PDA-BAI has not promoted a vaccination program because of the many draw backs of the vaccine. "The advantages of the vaccine do not warrant its use, there are alternatives such as culling, segregation of calves, and good sanitary practices that work as well as the vaccine. The vaccine does not prevent infection, although it does keep the animal from becoming clinically ill. So by using the vaccine we aren't preventing spead of the disease. The vaccine also presents some problems because of complications in TB testing."

Jim Spies a dairyman from Maryland came to the seminar looking for answers about the infectious disease he believes has plagued his herd since the 1960's. The herd has had many health problems, such as downer cows, since he moved the herd to a new farm, but Johne's disease was not diagnosed in the herd until years after the move.

Dr. Robert Whitlock explains some of the serious problems Johne's disease poses to Pennsylvania dairymen.

Spies said, "Johne's disease is a black ball on the dairyman and the veterinarian." He reasons that if a veterinarian makes the diagnosis of Johne's in an individual cow then the herd is required to have on their individual health certificates that they were exposed to Johne's disease. Other dairymen would be reluctant to have the same veterinarian work on their herd for fear of the same diagnosis.

Spies has done much searching for answers about Johne's, but still is frustrated because the lack of information available on the disease to answer his questions. Jim Spies, like dairymen and veterinarians across the country are looking to research for answers to control this disease that is a silent killer.

"Pennsylvania's Milk Story" premieres

Film stars and Lancaster County dairy farmers, the Kauffmans were present for the premiere. Pictured are Bob, Mim Steve and Judy.

Viewers learned about swiss cheese processing from the Lengacher family.

BY TRISH WILLIAMS

HARRISBURG — After 18 months of filming and production, the movie "Pennsylvania's Milk Story" premiered Tuesday evening at the William Penn Memorial Museum. Dignitaries from all phases of the state's dairy industry came for the premiere. Invited guests to the premiere were greeted by a receiving line including Secretary of Agriculture Penrose Hallowell, Chairman of the Pa. Milk Marketing Board George Brumbaugh, and Director of the Bureau of Markets Jim Sumner. Guests were able to meet and mingle with some of Pennsylvania's new found film stars at a milk punch reception held prior to the film's viewing.

The film "Pennsylvania Milk Story" was produced by the Milk Marketing Board's Public Information Service to create public understanding of the dairy industry's unique marketing processes and problems. It is hoped the film will be used to inform the public about the vital role milk plays in the overall economy of the Commonwealth, and to restate the beneficial nutritional value of fresh wholesome dairy products for citizens of the Commonwealth to enjoy.

The movie was filmed under the direction of Ruth O'Hanlon Kahn, the Milk Marketing Board's Public Information Officer. Dennis Brown of the Commonwealth's Photographic Service is the film's cinematographer.

George Brumbaugh introduced Ms. Kahn, crediting her as the 'one man show' responsible for the prouduction. Brumbaugh and Kahn urged guests to spread the word that the film is available to their public service groups. They stressed that for the film to serve its intended educational function it must be used.

Ruth O'Hanlon Kahn, Public Information Officer for the Milk Marketing Board is responsible for the film's production.

The film is available, on a loan or purchase basis, in 16 mm color film and ¾" video tape to: general assembly members, educational institutions, public TV stations, cable TV, agricultural organizations, county extension service agents, dairy industry organizations, and public service organizations.

To loan or purchase the film contact Ruth O'Hanlon Kahn, Milk Marketing Board, Public Information Service, Harrisburg, Phone 717-787-4194.

All phases of the marketing cycle are seen through the cameras eye. The viewers are taken all the way from Bob and Mim Kauffman's commercial dairy farm in Lancaster County to the consumer.

The film is very informative and the cleanliness throughout the film speaks well of the state's number one agricultural industry.

Johne's Disease *a growing concern*

HARRISBURG — Johne's disease, also called paratuberculosis, is a chronic infectious disease of cattle and other ruminants. It is a disease that is difficult to diagnosis and for which there is known cure, and the incidence of cows being reported infected with Johne's is on the climb.

Most work indicates that 10 to 15 percent of the cows in Pennsylvania may be infected with Johne's disease, according to Dr. Robert Whitlock, of the University of Pennsylvania Veterinary School.

Whitlock has put together information in a 'Johne's Disease Fact Sheet'. Another three page publication on Johne's disease has been put out by the Penn State Cooperative Extension Service. But the available information is still somewhat limited, many unknowns still surround this disease because of its nature.

"The clinical disease is characterized by severe scouring and rapid loss of weight terminating in emaciation and death," reports Whitlock. "The appetitie remains good until the animal goes down. Some animals may have intermittent diarrhea for a period of time (weeks or months) with loss of body condition, others may develop secondary diseases, such as mastitis, and are culled from the herd.

"Although several animals in a herd may be infected at one time, none or only one or two animals may show any signs of illness. Those animals infected often shed organisms in the manure which may infect other animals, especially youngstock."

Calves are believed to be the most susceptable to infection. They are generally infected with the causative organism, Mycobacterium paratuberculosis, very early through exposure to manure from an infected mature animal. Because of the long incubation period of the bacillus, infected calves do not develop clinical signs of weight loss or diarrhea for two to eight years.

After the organism is ingested it invades the bloodstream through the tonsils and then spreads through the lymphatics. It eventually localizes in the gastrointestinal tract, primarily in the terminal portion of the small intestine (the ileum). The organism is shed from the intestine into the feces, and into the bloodstream. The organism is also shed in the milk and semen. Whitlock reports that the infected animal will shed the organisms for up to 12-18 months before developing clinical signs.

Invasion of the cells of the gastrointestinal tract by the bacillus organism interferes with digestion and absorption of nutrients. Granulomas often develop in the intestine further interfering with digestion and resulting in a malabsorption syndrome. Protein from the blood stream passes through the damaged intestine wall and is lost into the lumen of the bowel.

Although there is no treatment now, Lamprene a drug used to treat leprosy in humans is being used on an experimental basis. If Lamprene is used the animal cannot be sold for meat nor can the milk shipped.

A vaccine is available from Fromm Laboratories in Wisconsin but has only limited success. The vaccine must be administered to the calf within 35 days of birth. It does not prevent infection but limits the clinical signs of the disease.

At present to use the vaccine in Pennsylvania, a dairyman must request its use through the PDA-Bureau of Animal Industry, and the vaccine must be administered by a veterinarian.

Complications from the vaccine have been documented. A lump forms at the site of injection, in the dewlap. Some of the vaccinates have also reacted positively to the TB test, which then required a comparative cervical TB test to differentiate it from TB.

Testing procedures are rather difficult as well. The official test used by PDA-BAI is the fecal culture test. It is the most accurate test available for testing a herd or individual, however, because of the long incubation period of the bacillus the test takes 12 to 16 months to obtain results. The state laboratory that performs the fecal culture is backed up with requests for Johne's testing.

Animals sent to slaughter can be tested for Johne's by means of a biopsy of the small intestine, this method is the most accurate, but has its obvious limitations.

Other tests are the intradermal skin test, complement fixation, and intravenous Johnin test may be used to detect infection in a herd but are not accurate enough to be used as a test for individuals.

The Penn State information sheet makes these recommendations for control and eradiction from a herd:

1. Reactors to the intradermal test, culture positive animals, and animals with persistent diarrhea should be sent to slaughter or put into quarantined feedlots.

2. Clean and decontaminate the premises after removal of infected animals. Cresylic disinfectants and sodium orthophenylphenate germicides in the same dilution as for tuberculosis are recommended.

3. Adequate calcium-phosphorus supplementation to adult animals may decrease the severity of symptoms.

4. Freshen known infected cows, beef or dairy, in isolated, cleaned, and disinfected maternity pens.

5. Disinfect the navels of calves with tincture of iodine and remove them from the infected dam at birth. This may not be practical under ranch conditions.

6. Wash and sanitize the udder of the infected dam before milking her for the colostrum to be fed to the calf or allowing calf to nurse.

7. Raise calves apart from adult animals to four months of age or longer in clean pastures or pens.

8. Purchased replacements should be from herds with no history of the disease or ideally from known Johne's-free herds.

9. In Johne's endemic areas, isolate purchased replacements until tested by fecal culture and found negative for Johne's.

10. Only use semen from Johne's negative bulls for AI.

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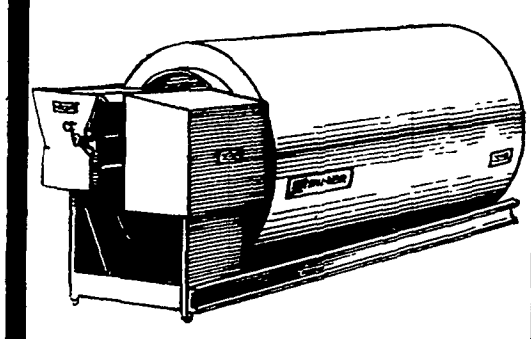

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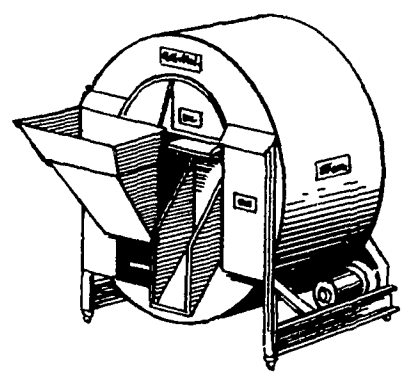

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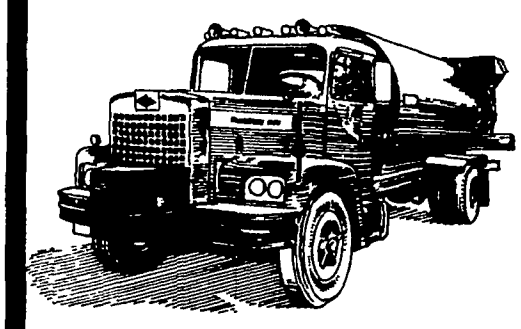

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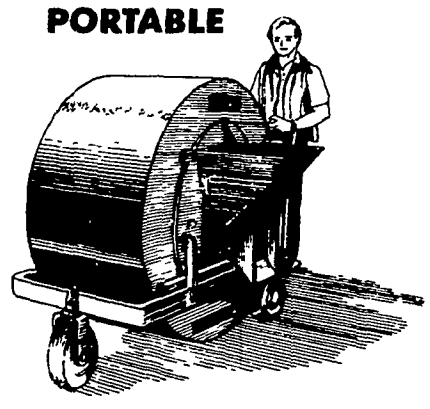

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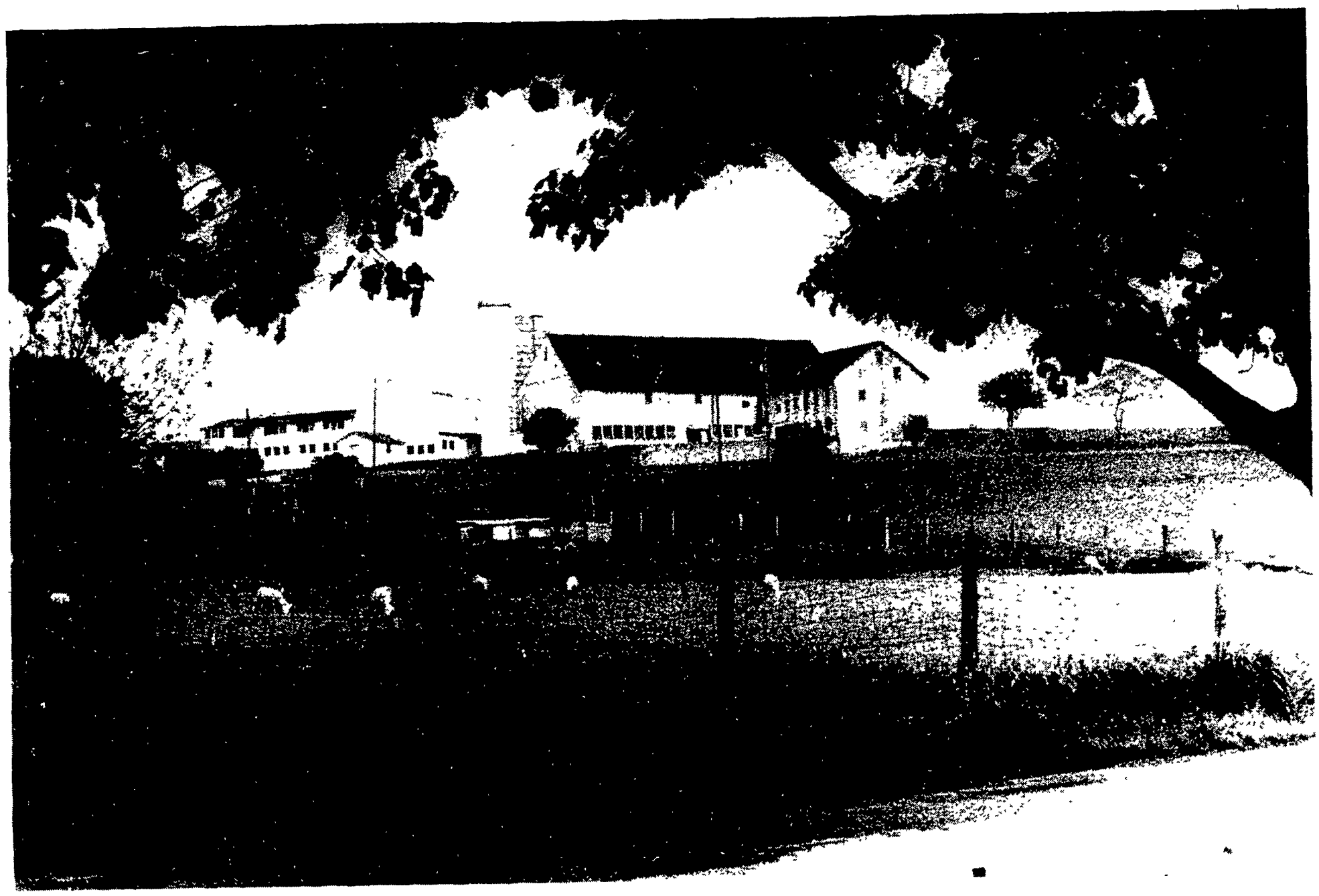

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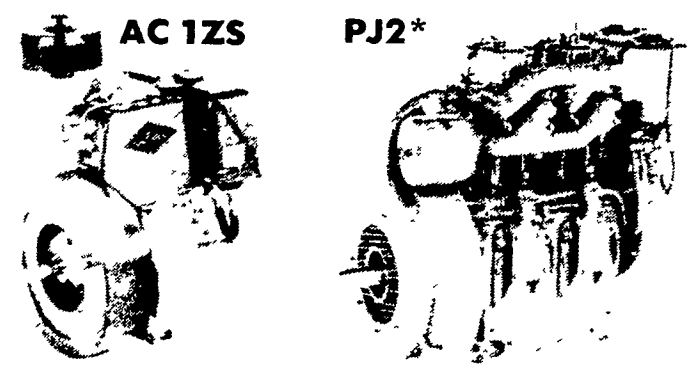

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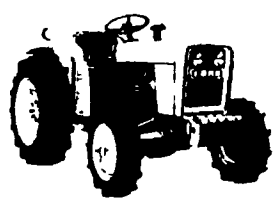

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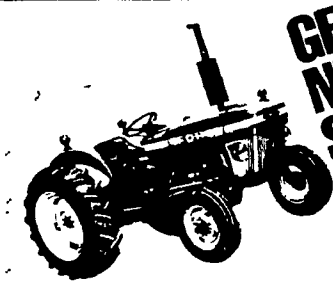

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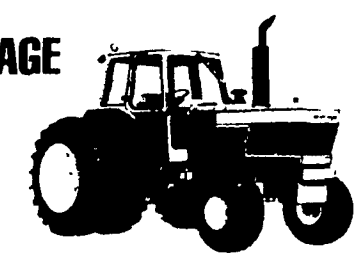

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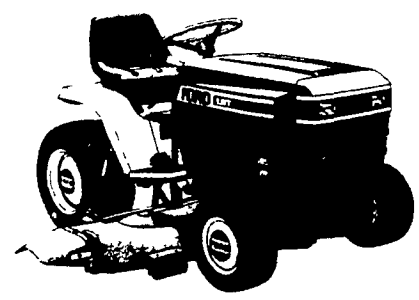

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Visit a York Co. farm next Saturday

BY JOYCE BUPP
Staff Correspondent

LOGANVILLE — Who can turn down the lure of a hay ride through the fresh air and picturesque scenery of the rural countryside?

Add stops to visit a trio of farms, a petting zoo, live entertainment, sheep shearing, agriculture displays, farm crafts, luscious food and you've got the makings of a successful Farm Tour.

That's what's in store for partakers of the fourth annual York County free farm tour, scheduled for next Saturday, June 18, from 10 a.m. through 4 p.m. Sponsored annually by the York County Farmers Association, which has been holding bake and sandwich sales to raise funds for the tour, the visits encompass three farms southwest of Loganville.

Headquarters is the Wolfe Poultry operation, on West Springfield Lane, Seven Valleys R2, where visitors can catch hayride tours to stops at the nearby Sun Valley. Holsteins and Brown's Orchards.

Wolfe's Poultry farm began operations in 1957, when farm wife entrepreneur Mary Julius put in a flock of 850 laying hens. As egg sales grew over the next several years, so did the size of the flock of layers. Then, in 1970, son Tom joined his mother in the egg-production business, and the pair added facilities to accommodate 60,000 Shaver Leghorns.

Retailing through the on-farm sales store accounts for some 40 percent of the total one and a quarter million eggs that annually roll out of the caged set-up houses. Production beyond what the retail oublet can handle goes wholesale to Maryland Fresh, of Reisterstown, Md.

With a constant stream of buyers stopping by the production facilities for fresh eggs, cleanliness has always earned top priority attention from Mary Julius and Tom Wolfe.

Special attention to the fine details of laying and packing house cleanliness earned Wolfe Farms a prestigious honor in November, 1982, when they received a Superior Grade on Cleanliness citation from the Department of Agriculture. The citation was only the second such award ever presented by the Department.

In addition to the various size packages of eggs offered, Wolfe's wife, Cordelia, adds her own special touch of talent to the retailing outlet. An accomplished baker, Cordelia offers egg customers a tempting array of home-baked pastries, pies, cakes and cookies, plus special-occasion candies. The couple has two children, Jennifer, 7, and Judd, 5.

Four employees assist the mother-son partnership in processing the laying house production through the cleaning, candling, grading and packing lines. While visitors will not be permitted in the actual production area, due to potential disease-admittance to the layers, they will be able to observe the hens via a plexiglass viewing area.

A short distance west on Yellow Church Road, the contouring hillsides are patterned with hillsides striped in rows of blooming and fruiting strawberries, and acres of fruit trees hanging full of the promise of later luscious eating.

While the Earl Brown and Son's retail fruit stand along Loganville's South Main Street is a familiar landmark in the area, this addition to the orchard is a more recent one.

Formerly the Paul Stump dairy farm, the Brown's acquired the 90-acre property in 1972, doubling the orchard capacity for the fruit production business originally begun in 1948 by Earl and Margaret Brown.

A million and a quarter eggs pass through the cleaning and packing facility of Wolfe Poultry each year under the eyes of Mary Julius and son Tom Wolfe. Farm has received the second-ever Superior Grade for Cleanliness from the Department of Agriculture.

Brown Orchard employes Todd Wildasin, left, and Jeff Folkenroth do what most pickers in a pick-your-own strawberry patch do — sample the juicy red berries. Berry picking season should be in full swing in time for York County farm tour next Saturday.

This acquisition allowed the expansion to pick-your-own strawberries, which is expected to be in full swing at the time of the farm tour. In addition to the approximately 15 acres of strawberries, another 20 to 25 is in vegetables and about 100 total acres in apples, peaches, nectarines, cherry and pears, plus blueberry plantings.

Stanley Brown, oldest of the couple's three children, works with his dad in the family business. While semi-retired, Earl puts in many hours spraying, trimming and fine-tuning the orchard producin equipment. Margaret helps handle the steady flow of customers year-round at the retailing market.

Stan and his wife, Nona, who also assists in the retail market, have three children. Scott, the oldest, has joined the Brown's family horticulture business as the third generation fruit producer. Daughter Linda was a senior in dietetics at the Indiana University of Pennsylvania, where her youngest brother David is a sophomore majoring in business. Over the summers, David also returns to the family farming operation.

Both Stan and Nona are active in the community. He's past president of the extension board, and active in the county and state horticulture groups, while Nona serves on the 4-H advisory council.

David Brown, kneeling with seedlings, plants pumpkins into plastic mulch strip at Brown's Orchards, one of three farms in York County annual tour. A grandson of founder Earl Brown, he's one of third generation involved in the Loganville family fruit farm. Helping with planting is Bret Malehorn.

Third stop on the tour brings visitors to the 100-head Holstein dairy farm of father-son partners Austin and Paul Beck.

Sun Valley's 173-acre place was purchased in 1959 by Austin and Ethel Beck. Their four daughters and son grew up here as part of the family's dairy operation on LaRue Road. After serving in the army, and then working for eight years for a York area manufacturer, Paul returned to the family farm which expanded to its present size.

In addition to the home acreage,

(Turn to Page A38)

Sun Valley's Holstein herd, lounging in free stalls and "dining" at bunk feeder, is a view that visitors on next Saturday's York County farm tour can expect to see. Modern milking parlor will also be open.

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PTO hp.	110.5	100.95	111.29	107.38	108.74	107.48	113.72	103.29	110.24

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Planters Up To May 1, 1984
Tractors Up To April 1, 1984
Combines UP To January 1, 1984

Or

LEASE

Total confinement herd

(Continued from Page A28)

includes 50% AI, and 50% home-bred bulls. He breeds for production and ability to withstand total confinement. Harry culls his herd hard.

"A 2-year-old must make 55-60 lbs. of milk or she goes," says Wareham.

Perhaps the most unique feature of Wareham's herd is that this group of cows produces while being housed in the total confinement of a stanchion barn.

"Some of these cows have been in this barn for ten or eleven years and have never had a foot trimmed," boasts Harry.

At a time when livestock producers have been working for years to produce an animal which can withstand total confinement, Harry Wareham has produced a herd of cows that meet that challenge and top the milk pail as well.

The Warehams' farm consists of 120 acres nestled in the hills of Bedford county just off Route 30. They also rent 100 acres. Many of these acres have continually produced corn for fifteen years and still provide some of the top yields in Bedford county. Thus, more evidence that good management is a way of life here.

When asked how he got started in farming, Wareham proudly answered, "This is proof that a part-time farmer can make it. When I started, a guy who farmed part-time wasn't really a farmer. I was 35 years old before I could afford to farm full-time." Harry worked as Assistant Manager at the Bedford Farm Bureau for fourteen years. While at the Farm Bureau, Harry learned all he could about everything from feeding programs to agronomy, all of which has been invaluable in managing his farm.

During his employment at the Farm Bureau, Wareham also raised Hampshire hogs. He was very active in the Pennsylvania Hampshire Breeders Association, and served as their president for one year.

In 1967, Wareham began his career as a full-time farmer by milking Holstein cows. In 1970, a barn fire destroyed all of the dairy barn except the milk house. Several heifers were lost in the fire but luckily no cows were killed. As is often the case, insurance covered only a small percentage of the loss resulting in a large set-back. However, the barn was rebuilt and the Wareham's struggled on.

When you talk with Wareham about his farm and his success, he quickly points out that his brother and father work for him and his wife, Thelma, has worked beside him through the years.

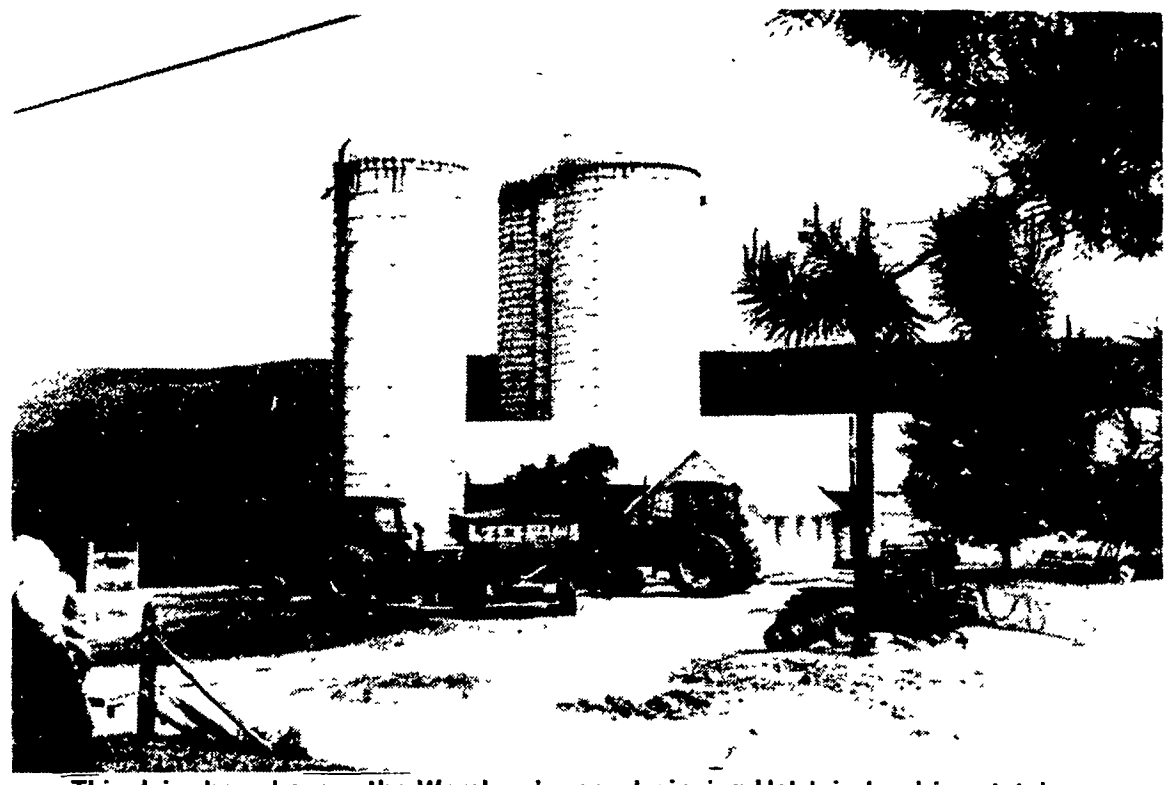
"You have to have help that cares." says Wareham. "You just can't do it without that."

His wife has always played an important part in this farm. In addition to being the bookkeeper, she did much of the work with the hogs when he worked off the farm. She has remained very active on the farm and currently helps with not only the dairy herd but also cares for the small herd of Duroc hogs, which have been a part of this farm since their 16-year-old daughter, Robin, "took a liking to them" as a child. Both Robin and 17-year-old Mark have shown hogs at the Bedford county fair for which they have won many awards.

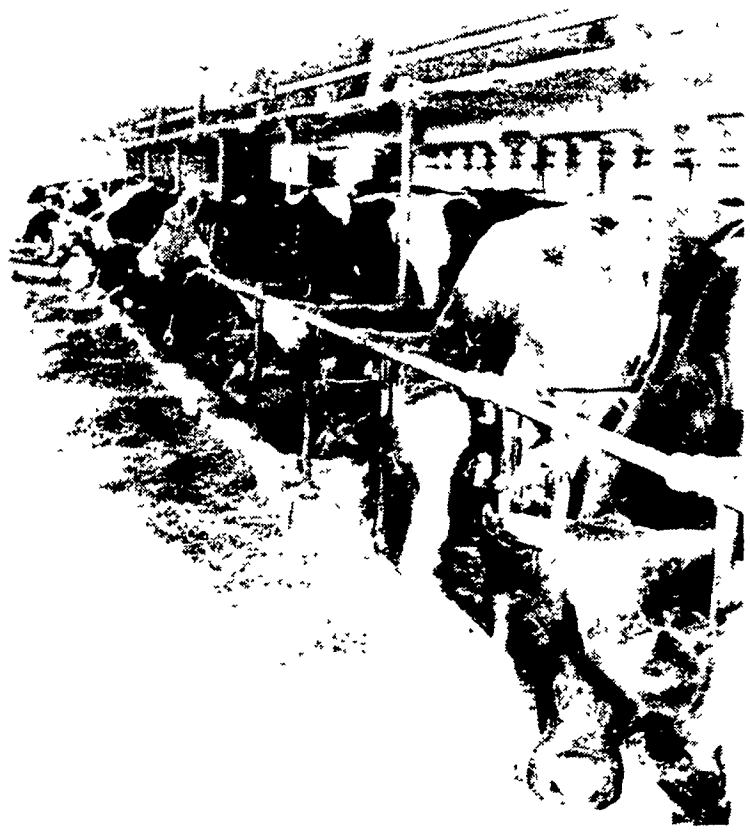
The Wareham home is filled with decorative pigs of all sizes, colors, and materials. There has always been a soft spot in their hearts for hogs. In fact "the few milkings that Harry misses a year are to attend hog sales," says Thelma. "When we go to the Farm Show, he visits the hog barn first."

The commitment to his dairy herd continues twenty-four hours a day, even when he goes to hog sales. "He always checks the cows between 11 and 12 every night," adds Thelma. "That's the way Harry is, he is thorough about everything."

Mrs. Wareham recalls a comment made by the leader of a local farming group during a tour of their facilities which sums up why these cows are some of the top producers in Pennsylvania. The tour leader said, "As you look at the way Harry manages his herd, remember. Harry Wareham could make any management program work as long as it was built on sound principles and he put his mind to it."



This dairy barn houses the Wareham's award-winning Holstein herd in a total confinement program.



Bedford county's top producing dairy herd is housed in total confinement and is treated to free choice corn silage twenty-four hours a day.

Farm visitation day

(Continued from Page A36)

the Becks rent an additional 200 acres to supply adequate feed for the dairy herd, and 70 heifers cropping in corn, hay and small grains. Production of about two tons milk per day is marketed through Interstate Milk Producers Cooperative.

Austin, Ethel and Paul handle the morning milking in the parlor facility, while Paul's wife, Joan, assists with evening chores. The couple has three daughters, Bonnie, 10, Mary, 8, and Patty, 6.

To maintain the routine of the dairy herd, tour visitors will observe the cattle from behind a fenced portion of the free-stall barn, where the auger-and-bunk feeding facility can also be seen.

Following a return of the wagons to the Wolfe Farm headquarters, visitors can leisurly view the exhibits, poster entires, crafts, sheep shearing demonstrations and visit with agriculture representatives on hand all day.

Entertainment will be provided by country music groups, including area Representative A. Carville Foster and Senator Ralph Hess.

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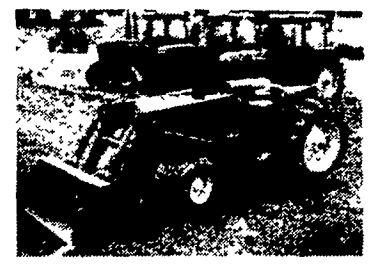
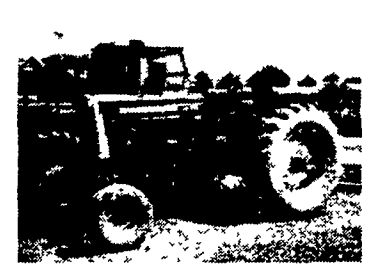
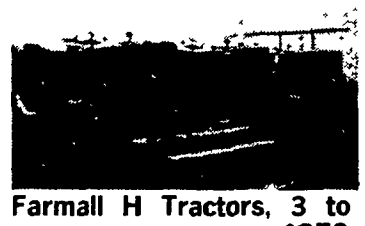


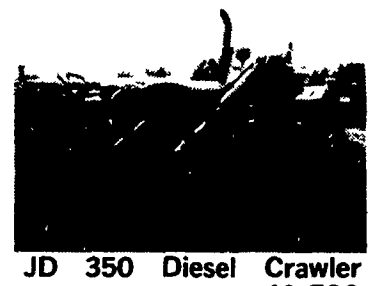
JD 2640 w/146 Loader, Hi-Lo Shift, R&P Axle, 2103 hrs. real clean ... $14,700



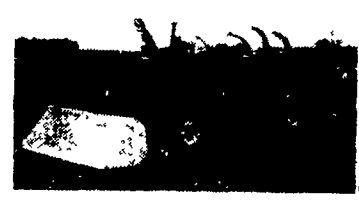
Oliver 1855T, 2200 hrs. clean Tractor, 18.4x38 rears 540-1000 PTO $7,350



Farmall H Tractors, 3 to choose from, choice .. $850



JD 350 Diesel Crawler Loader w/Winch ... $9,500



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10 vegetable research projects approved

HARRISBURG — The Pennsylvania Vegetable Research Advisory Board has voted to approve ten new agricultural research projects aimed at benefitting our state's vegetable growers, according to State Agriculture Secretary Penrose Hallowell.

Funding for the projects totaling $27,000 was approved recently during a meeting of the newly appointed 11-member board, chaired by David N. Geise, president of Furman Farms, Inc. and Furman Canning Co. of Northumberland.

Penn State will receive $16,000 for five projects which include: Factors Affecting Vegetable Consumption - Implications for Promotion, $5,000; Scheduling Fungicide Applications for Control of Tomato Early Blight, $5,000; Evaluation of Tomato Varieties, $2,500; Comparison of Liquid Fertilizers, $1,000; and Tomato Plant Spacing for Processing and Fresh Market Varieties, $2,500.

Cornell University of Ithaca, New York, will receive $10,000 to fund four projects which include: Control of Worms in Sweet Corn, $2,500; Control of Corn Bores in Green Beans, $2,500; How to Increase Yield in Sweet Peppers, 2,500; and Tomato Varietal Research, $2,500.

A grant of $1,000 will be awarded to Rutgers University, New Brunswick, New Jersey, for research into cultural practices for increasing yields of dry beans.

Each university is required to submit detailed progress reports by Dec. 15, 1983. These reports will be reviewed by the advisory board to determine if the projects will be funded for another year.

According to Hallowell, funding for the research projects includes a contribution of more than $5,000 from Furman Canning Co. and $500 from Hanover Brands, Inc. of Hanover. These and other firms offered to match the contributions of their contracted growers.

Hallowell said, "The goal of the Vegetable Research Program is to fund projects to improve the marketing climate for our vegetable growers and make us more competitive with out-of-state producers.

"Agricultural research becomes more important every year by helping develop better ways for farmers to meet rising costs and consumer demand for top quality products," he said.

The Vegetable Research Program was approved during a producers' referendum held last summer under the provisions of the Pennsylvania Agricultural Commodities Marketing Act of 1968. Other programs in effect under the Act include the Pennsylvania Apple Marketing Program, the Pennsylvania Red Cherry Marketing Program, and the Pennsylvania Potato Research Advisory Board.

Other members of the Vegetable Research Advisory Board include vice-chairman Richard B. Pallman of Clarks Summit; Eugene H. Schramm, board secretary from Jeannette; William Yerkes III of Furlong; Bryon Hawthorne of Coatesville; Dwight Hess of Marietta; Dale Whitenight of Danville; Fred Kistler Jr. of Bloomsburg; Richard McCloskey of Jamestown; Earl Stern of Lock Haven; and Merlin Gnegy of Somerset.

PFA lauds milk refund

CAMP HILL — The Pennsylvania Farmers' Association (PFA) applauds the success of its fellow American Farm Bureau Federation affiliate—the South Carolina Farm Bureau—in stopping the 50 cents/cwt. assessment against dairymen by USDA.

U.S. District Court Judge Matthew Perry ordered a preliminary injunction against USDA's collection of the dairy assessment on June 3. He also ordered the return of the nearly $27-million already collected under the assessment. USDA is appealing the decision.

PFA president Keith Eckel, a Lackawanna County dairyman and vegetable grower, said, "We were pleased to learn that South Carolina Farm Bureau, as one of the original party plaintiffs against collection of the 50 cents/cwt. assessment, has been successful where numerous others have failed. But what's more important, regardless of the outcome of other efforts, is that Congress is hearing the message loud and clear from dairymen and, in our state, from legislators on the agriculture committees, that the 50 cents/cwt. assessment is not the way to remedy the oversupply problem." He added, "PFA continues to believe that the only realistic way to curb overproduction is to provide an incentive to dairymen who actually cut back output and to penalize those who continue to over produce."

Eckel noted that PFA is supporting legislation in Congress—H.R. 2812 introduced by Rep. William Clinger (R—23rd District)—which would repeal the USDA dairy assessment and establish a temporary incentive program to bring milk production back in line with demand.

PFA is a general farm organization representing over 23,000 farm families in Pennsylvania. It is affiliated with the American Farm Bureau Federation.

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NOTICE
The Henry J. Stambaugh sale scheduled for Friday, June 17 has been changed to
THURS. JUNE 16
See Pg. D32 for details

LIQUIDATION AUCTION
WEDNESDAY, JUNE 29
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521/522 Mower	X		X		X		X		$ 50
555 Baler-Rectangular	X		X		X		X		$ 800
565 Baler-Rectangular	X		X		X		X		$ 600
660 Forage Harvester	X		X		X		X		$ 600
680 Forage Harvester	X		X		X		X		$1000
Manure Spreaders									
213 w/Element	X		X		X		X		$ 200
214 w/Element	X		X		X		X		$ 300
243/244	X		X		X		X		$ 600
245	X		X		X		X		$ 800
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323/309	X		X		X		X		$ 300
324/325 w/Processing Unit	X		X		X		X		$ 200
Material Handling									
106/107/109/119									$ 25
177 Elevator	X		X		X		X		$ 400
196 Auger									$ 200
198/199 Auger	X		X		X		X		$ 300
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518/519	X		X		X		X		$ 600
Uni Equipment									
708/709/800/801/802/803A	X		X		X		X		$3000
717 Combine	X		X		X		X		$1000
737/838 Husking Bed	X		X		X		X		$ 300
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767 Forage Harvester	X		X		X		X		$ 500
783 Snow Blower	X		X		X		X		$2500
813/815 Grain Plat.	X		X		X		X		$ 600
820 Gran Plat.	X		X		X		X		$1200
818 Combine	X		X		X		X		$4000
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Painter finds beauty in Jerseys

BY SALLY BAIR
Staff Correspondent

The first thing you notice as you turn in the farm lane is the beautifully painted Jersey cow head on the farm sign with the Milk N Honey name.

This is no ordinary farm sign. It was painted by Doris Hough who operates the farm with her husband George and sons Brian and Neal in southern Lancaster County near Peach Bottom.

The sign reflects Doris's talent and avocation. In addition to working actively on the farm, she likes to paint in almost any medium, and almost any subject. Not suprisingly, Jerseys are one of her favorite subjects. She says, "Jerseys are awfully cute. You can't help but love them."

She has sketch books filled with Jerseys as well as every other breed, and says, "Cows are easy at this point."

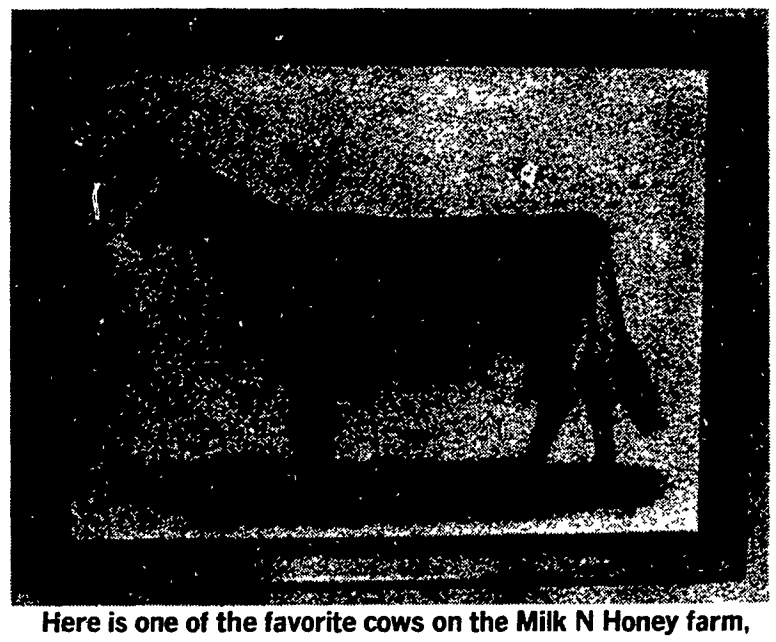
Doris admits that her first love was horses, not cows, and she still likes painting them. "Horses were always my first love. They are magnificent. The easiest thing and the most relaxing thing is a horse. My big love was horses — until I got into Jersey cows. There was always a horse around when I was growing up."

Because of her original love of horses, Doris worked for four years caring for horses in a fox hunting area, and captured much of the excitement and pageantry on her sketch pads.

Another animal she enjoys drawing is pigs, stating, "I love doing pigs. Sketching pigs is fascinating."

Doris admits that she is never without her sketch pad or camera, but points out, "I prefer to paint everything from life."

Doris recalls, "I've been painting ever since I was a little kid. The most important lessions I ever took were when I was a kid. I traveled on a train to my teacher who lived near New York City. My teacher was an impressionist. He never told us how to do it. He wanted us to develop our own style. He taught us to capture something quick."



Here is one of the favorite cows on the Milk N Honey farm, Milk N Honey Secret Linda Ann, dam of General who is now at Tri-State Breeders.

Despite her love of art, Doris says, "I had no inclination to go to art school. I really wanted to be a veterinarian, but in those days a woman had to stick with dogs and cats."

She may not have had the training of art school, but Doris continues to take advantage of lessons. "You can always pick up something new." She has belonged to the Octorara Art Association since moving to Lancaster County.

Doris has worked in just about every medium, and there are examples of her work throughout her home. An upstairs bedroom has been turned into a studio and holds her files of sketches, plus materials for all her creations.

She does wood carvings, stained glass, rub out, and has painted one of her favorite Jerseys on a huge round cheese box. She uses oils, water colors, pastels and when she wants to capture something quick, she uses crayons, except when they break too easily.

As a measure of her talent, and the diversity she enjoys creating, there is a large mural on the studio wall which was done for the Solanco Fair. It features the LO & S narrow guage railroad, known to locals as "little, old and slow." Through that experience, Doris relates, "I learned to like old steam engines and trains." She studied them carefully to make the mural accurate in its detail.

She also enjoys painting human subjects, and the walls of her bedroom hold paints of each of her four children as youngsters. In addition to Brian, 31, and Neal, 29, there is Glenn, 32, and Maureen, 26. The four Hough children are all married, and Doris is grandmother to four.

Doris has also designed her own Christmas card for the past 20 years, beginning originally with block prints.

The Houghs are relative newcomers to Lancaster County, having moved here just 12 years ago. They originally farmed near Flemington, New Jersey but Doris says, "We were being threatened by New York's fourth major jet port, which never did materalize. But we wish we'd been here all our lives. All you have to do is come here once. We couldn't believe such beautiful land existed."

They presently have 170 head of registered Jerseys on their 314-acre farm, and they are enthusiastic Jersey breeders. Doris is secretary-treasurer of District II of the Pennsylvania Jersey Cattle Club. She designed note cards for the junior members to sell to raise money.

Except for a twist of fate, the Houghs might now be raising Guernseys. Doris recalls that she grew up in a family which had a Guernsey cow for milk and after she and George started a family, she said, "I wish we had a family cow because I'm tired of buying milk." George agreed with her sentiments, but said, "You milk it - I hate milking." That was all she needed, and Doris relates, "We intended to get a Guernsey cow for good milk, but there was a Jersey dispersal close by and the cows looked appealing when we got there."

Doris waited until the last cow was in the sale ring and made up her mind. She got it for $120 and that was the start of a life-long love affair with Jerseys.

"She wasn't a really good cow, but that milk was good," Doris says. "What really did it was her first calf which was a registered heifer. By then we decided the farm was a good place to raise kids. Both parents thought we were nuts, and we had to go in debt. George worked at a hospital besides."

After buying an open heifer calf at a sale in southern New Jersey, Doris says, "We thought maybe we should look for a farm." That was when they moved to their original farm near Flemington.

They subscribed to the Jersey Journal and became Jersey enthusiasts. They also had a good eye for the animals and the first bull they kept to raise, they sold to Carnation Genetics. The bull was Milk N Honey Apollo.

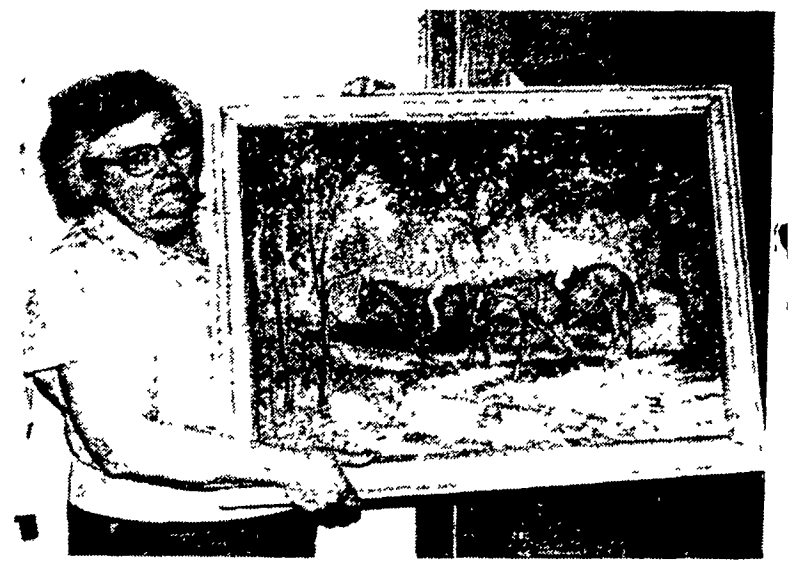
Since then they have sold several other bulls to studs, although Doris maintains, "We haven't raised money." Milk N Honey Emcee went to NOBA "quite a few years ago," and Milk N Honey General went to Tri-State Breeders. "He is in the top 15 in almost everything," Doris says. "We have quite a few daughters, and his first A1 daughters will be on the July report."

With the two sons involved in the operation, Doris is no longer milking at every milking, but adds, "I raise calves. We feed two quarts of whole milk twice a day for three months. We have a very low mortality rate. Calves grow beautifully on milk." The calves are raised in a barn, but Doris explains that the stalls come completely apart and in the summer they are made into summer houses for the calves, each holding eight calves. "George and I figured it out. We have had good luck with it," she states.

Doris says she works with registrations and she and George together decide the breeding. "I study it more. I was always fascinated with the bloodlines of

(Turn to Page B4)

Doris enjoys painting on almost anything, and almost any subject, but she admits that Jerseys are one of her favorite subjects. Here she reproduced Grace, a 14-year-old Jersey on a cheese box. She said Grace has the "most beautiful head on the farm."



Painting horses brings Doris much pleasure since horses were her first love before she "got into Jersey cows." She grew up with horses and worked with them for four years, filling many sketch books with horses, which she describes as "magnificent."

This is the sign which welcomes visitors to Milk N Honey farm in southern Lancaster County near Peach Bottom. The sign was painted by Doris Hough who loves to paint and finds Jersey cows one of her best subjects. The Houghs milk 86 Jerseys on their 314-acre farm.

Homestead Notes

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Jersey painter

(Continued from Page B2)

horses." Son Brian does the AI work for them, "So we can breed them exactly when we want to."

The Houghs have a rolling herd average of 11,427 milk, 428 fat and 452 protein. To Doris the protein testing is important. Although they've been on protein testing for four years she says, "We wanted it before so we knew where we were heading. Butterfat and protein are not always together."

Doris also feels there is a definite demand for Jersey cows. "We get calls all the time. We sold 18 heifers and calves to one young couple. They are a mighty efficient little cow, and they will become more valuable if they start pricing milk as they should - on solids content."

"I enjoy showing greatly, but we don't have the help," Doris states. Last year they had grand champion at the Solanco Fair, with a home bred daughter of General.

The Houghs are proud of their Amy Ann family, the backbone of their herd built on the offspring of two maternal sisters. "We have Ann in all the names," Doris says, "It is a nice family, and we're really pleased."

During the conversation it becomes quite clear that there is very little in which Doris is not interested. A tour of the house includes a very interesting greenhouse, built off the house where a porch once was. It is filled with unusual flowers, all of which seem to be thriving. In addition to the more common plants there are a bearing fig tree, a passion vine, avocadoes, a German healing onion, bougainvillea and a bay tree. There is also a winter garden with swiss chard and other greens ready to be eaten.

Doris is a past president of the Drumore Flower Club and is in charge of the garden at the Robert Fulton birthplace. She said, "we want to expand the garden and we want to use some older flowers and vegetables. We are changing the shapes of the beds."

There is a wide variety of herbs growing and Doris says she uses them in cooking as well as growing some for "historical reasons."

She has a deep interest in roses, especially "real old roses." "They are very tough and each one is so radically different. They have a super fragrance too." They have also planted some old fruit varieties.

The garden is a joint venture with her husband. Doris says, "My husband takes care of the garden. We raise all our own vegetables, but I just freeze and use the dryer."

The kitchen in their farm home is currently being renovated, and they are having the cupboards build using old granary boards which were probably floated down the Susquehanna River. The counters will be slate, to reflect the fact that slate was quarried on a ridge near the Houghs' home. Doris is having the counters built at 30 inches to be more comfortable for her, and also is including an area over the sink to hold her many kitchen herbs.

Doris and George are active in the Fulton Grange, one of the first groups they joined when they moved to the county.

When asked how she decides what she will paint or create next, Doris laughs and says she prefers to work on commission. "It gets me going. I have so many interests."

Her "many interests" obviously keep Doris's time filled, but they also add a richness to her farm life - and brighten the lives of those around her.

Ladies Have You Heard?

By Doris Thomas

Lancaster Extension Home Economist

Making Baby Food From Canned Produce

You can make your own baby food from fresh or home-canned produce, but don't try to can baby food.

Canning prepared, pureed baby food requires the same amount of heat needed to process solid food, so processing times can be longer than normal. Making baby food from already canned produce is safer. You can process some fruits such as apricots and plums as baby food, though. Follow the directions for processing applesauce.

Can other fruits and vegetables first, then make baby food. Pack whole or sliced vegetables to be used for baby food in water in ½-pint or pint containers. A brine solution is not necessary since you don't want salt in the baby's food. These containers should then be processed following the recommendations for that vegetable.

Fruits should also be canned whole or in slices in ½-pint or pint containers filled with water or fruit juices to the designated headspaces before sealing and heat processing according to the directions for that fruit. If you prefer, omit sugar from the canned fruit.

When you are ready to use the food, open the jar, drain the liquid and blend it in a blender until it is smooth. Make sure all skin and seeds have been removed before blending. Heat the pureed mixture to boiling for ten minutes, allow it to cool and serve.

Don't keep opened canned foods meant for baby in the refrigerator any longer than one to two days. Storage time of canned food varies depending on the produce, but you should not keep food canned for babies more than one year.

Directions for preparing baby fruits and vegetables:

Baby Fruits

½ cup cooked or canned fruit
2 teaspoons of liquid from fruit

Remove any skins or seeds. Place ingredients in food mill or blender. Mince to desired degree of smoothness. Store in clean container. Makes about one serving.

Baby Vegetables

½ cup cooked or canned vegetables
2 tablespoons formula, milk or liquid from vegetables

If vegetable is in large pieces, cut or tear into chunks. Put ingredients into blender or food mill. Mince to desired degree of smoothness. Store in clean container. Makes about one serving.

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The Pennsylvania Farm Vacation Association in cooperation with the Pennsylvania Department of Agriculture Bureau of Rural Affairs wants you to know that you really do have a "Friend in Pennsylvania." The 1983 Directory is out and ready to help you select from the 25 members who offer vacations for individuals and families who are looking for a chance to relax and get back to nature.

Some farms encourage you and your children to join in the farm operation, some offer recreational activities usually found only at expensive resorts. All offer fellowship and a chance to be part of country life.

Rates for these vacations vary according to accommodations and most are definitely reasonable. Some list prices according to the day; others encourage reservations by the week.

The directory gives all the information you need to make your summer vacation plans. For more information and copies of the directory, write to FARM VACATIONS, Bureau of Agricultural Development, PA Department of Agriculture, 2301 N. Cameron Street, Harrisburg, PA 17110 or call 717-783-8460.

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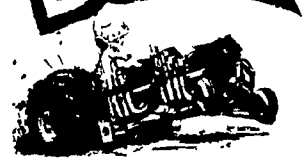

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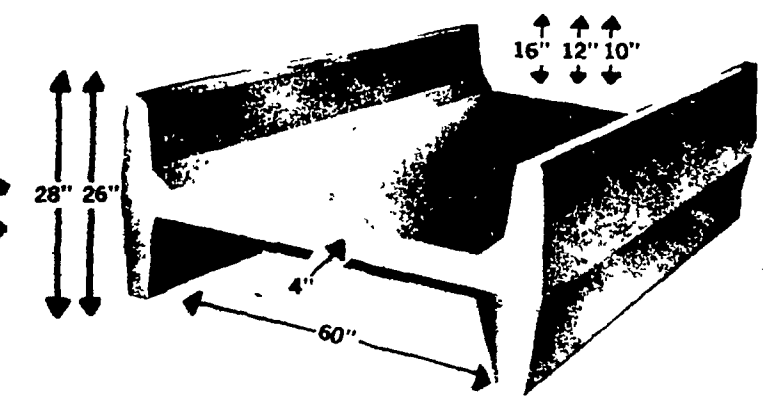

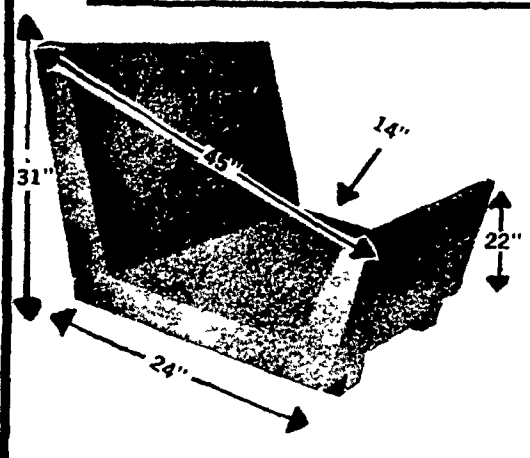

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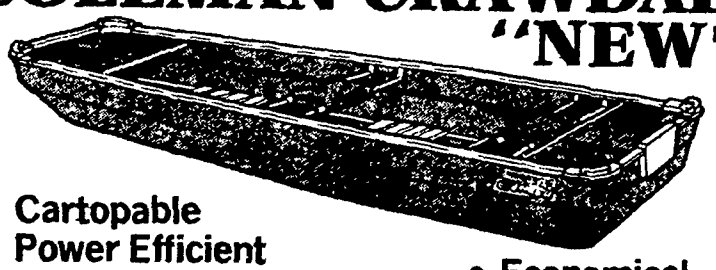

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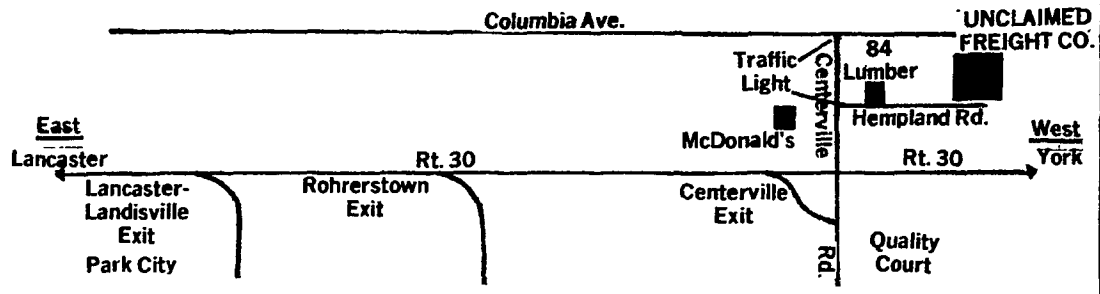

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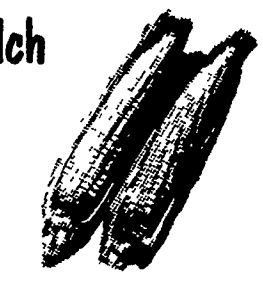

For the avid gardener

Detecting the villains in your garden

If some of your flowers or other kinds of plants suddenly turn up with their blossoms missing, cut off at the soil line or vanished completely, you've got a mystery on your hands. Like any good mystery, such occurrences call for an investigation. But how do you begin when the victims can't answer questions?

Mark Graustein, Extension entomologist at the University of Delaware, has some suggestions which should help any gardener who's caught in this dilemma.

If it's a simple case of "plant-napping," start the investigation at the scene of the crime, advises Graustein. There usually will be signs of a struggle, like soil disturbed, bits and pieces of root and other plant debris, and a hole in the ground. You may even find footprints leading in and out of the garden. The prints could be man, bird, mouse, rabbit or even squirrel. In any event, the way to prevent such "plantnapping" is to install one or all of the following deterrents: fencing, nets, traps or repellents.

What do you do when you find rows of prize tomatoes, corn, celery or other transplants lying flat on the ground, felled like so much timber? When this happens, says the entomologist, it's time to bend over and search for clues. In this particular case, it's a good bet that the bad guys are cutworms. Since they're night feeders, you may be able to catch them in the act if you check with a flashlight after the sun goes down. During the day, remove a few lumps of soil from around the plant and look for a plump, soft-boiled worm resting up for another night raid.

In a garden or flower bed known to be infested with this particular pest, the best control is treatment with a soil insecticide before planting. Work the insecticide into the ground an inch or two for best results. Insecticide baits also are available and work well, Graustein says.

If you don't want to use chemicals, cut milk cartons in half and place these around plants you set out — they'll serve as mechanical barriers against the worms.

And then there's the case of the disappearing flowers—not blossoms that suddenly become riddled with holes. In all probability, says the entomologist, the villian is some insect enjoying the fruits of your labor. If, on the other hand, your beet tops start to look ragged and disappear, you may have a hungry rabbit on your hands.

When you suspect that something is eating your plants and you can't see what it is, keep in mind that many pests feed at night. If you want to catch the cuprit, you'll probably have to come out then, too. A check with flashlight after dark may well show you who's doing the villainous deed. Once you've detected the sneak, take immediate action. Try hand picking or spraying if it's an insect, or fencing off the plot, in the case of marauding animals. As an alternative to fencing, dusting the leaves of leafy vegetables with something like rotenone may do the trick as a repellent.

These are only a few of the garden mysteries you may be able to expose with a bit of careful detective work, points out the entomologist. So get out your magnifying glass and your Sherlock Holmes kit and get busy. A little careful observation will often tell you what's wrong with your garden.

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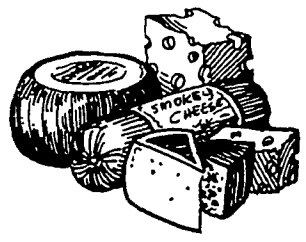
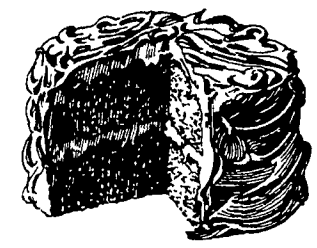


Home On The Range



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When the sun coaxes you outdoors and fresh air sharpens your appetite, think dairy recipes.

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Here are more dairy recipes from friends and neighbors who recognize the importance of using dairy products in their diet.

When you've found one that you think will please your family, why not mail us your favorite dairy recipe? If it's used on this page, we'll mail you a dairy keepsake. Happy dairying!

BLUE CHEESE SLAW

1/3 c. crumbled Blue cheese
3 T. milk
1 T. fresh lemon juice
1/2 t. sugar
1/4 t. salt
1 c. dairy sour cream
5 c. shredded cabbage
1/4 c. chopped green pepper
1/4 c. chopped green onion
3 T. chopped pimiento

Combine Blue cheese, milk, lemon juice, sugar and salt in a small bowl; stir in sour cream; chill, covered 1 to 2 hours to allow flavors to blend. Combine cabbage, green pepper, onions and pimiento in a large bowl. Just before serving, pour sour cream dressing over cabbage and toss lightly.

American Dairy Association

EASY CHEESE DESSERT

2 c. cottage cheese
1 c. plain or vanilla yogurt
2 T. lemon juice
1/2 c. sugar

Mix in blender on medium speed until smooth. Chill, then top with blueberry pie filling. Cherry pie filling may also be used.

Alta Sauder, New Holland

CORN-CHEESE CASSROLE

1 lb. hamburger

Fry and drain hamburger.

1 pt. corn
1 c. macaroni
1 8-oz. cream cheese
1 can cream of mushroom
1 c. milk

Cook macaroni separately. Mix all together and put in casserole dish. Top with buttered crumbs. Add salt and pepper to taste. Bake at 350 degrees for 1/2 hour.

Margaret Martin, Lititz

CREAMY FROSTING

Cream well:

1/2 c. butter
1/2 c. Crisco
1 c. granulated sugar
3 T. flour
2/3 c. milk
1 t. vanilla

Beat 12 minutes and use as topping for favorite cake or dessert.

Sharon Martin, Port Trevorton

CREAM CHEESE BREAKFAST PRETZEL

2 c. flour
1 c. butter, softened
1 c. sour cream

Filling:

8 oz. cream cheese, softened
1 egg
1/2 c. sugar

Mix flour and butter as for pie crust. Add sour cream. Blend well. Refrigerate at least 1 hour, (preferably overnight).

Prepare filling ingredients. Mix cream cheese, egg and sugar with mixer for 2 minutes.

After chilling, roll dough into rectangle (approximately 12 to 14 inches). Spread with filling. Beginning on wide edge, roll as for Jelly roll. Place on cookie sheet and bake for 35 to 45 minutes in 350 degree oven until golden brown. Cool and sprinkle with powdered sugar. Slice.

Mrs. Charles Moore, North East, Md.

BACON AND EGG LASAGNA

12 lasagna noodles, cooked and drained
1 lb. bacon, cut in 1-inch strips
1 c. chopped onions
1/3 c. bacon drippings
1/3 c. all-purpose flour
1/2 t. salt and 1/4 t. pepper
4 c. milk
12 hard-cooked eggs, sliced
2 c. shredded Swiss cheese
1/3 c. grated parmesan cheese
2 T. chopped parsley or dry flakes

In large skillet, cook bacon until crisp; drain, reserving 1/3 c. drippings.

Set bacon aside. Cook onions in bacon drippings until tender. Add flour, salt and pepper. Stir until paste forms. Add milk; cook and stir until mixture comes to a boil and is thickened. Heat oven to 350 degrees. Grease a 13x9 inch baking dish. Spoon a small amount of white sauce into bottom of pan. Divide lasagna noodles, bacon, white sauce, eggs, and Swiss cheese into thirds; layer in pan.

Sprinkle with parmesan cheese. Bake at 350 degrees for 25 to 30 minutes or until thoroughly heated. Sprinkle with parsley. Let stand ten minutes before serving.

Genevieve Voneida, Muncy

Milk tastes great with anything! Even an ordinary salad. Yet when you use a dairy product with your salad, it's no longer ordinary. Instead, it's terrific! Try this Blue Cheese Slaw for topping salads. The recipt is below. Remember to send in your special dairy recipe for Dairy Month. We'll reward you with a functional keepsake for your kitchen!

PARSLEY-RICE RING

3 c. fluffy cooked rice
1 c. chopped parsley
2 eggs, well beaten
1 c. milk
1 T. Worcestershire sauce
1 1/2 t. salt
1/2 T. chopped green onion
1/4 c. melted butter
1/2 c. shredded sharp Cheddar cheese

Toss rice and parsley together. Add eggs, milk, Worcestershire sauce, salt, onion, and butter. Blend. Add cheese and mix lightly. Pour into a very well greased ring mold. Place in pan with about 1 inch of hot water. Bake at 325 degrees for about 40 minutes. Unmold on serving plate.

Genevieve Voneida, Muncy

BUTTERSCOTCH ICE CREAM

Heat 6 quarts milk with 4 c. sugar. Boil together until the mixture is down to approximately 5 qt. If less add milk.

Melt and brown 1/4 lb. butter.

To this add 2 c. brown sugar (or more sugar may be used if sugar is very light). Stir until dissolved.

Mix 10 large tablespoons flour and a pinch of salt with milk, enough for a smooth paste.

Slowly stir the flour into the hot milk, stirring until it comes to a boil. Remove from heat, then add butter and sugar mixture. Stir occasionally until blended. Add 1 qt. heavy cream and sugar if desired.

Sarah Glick, New Holland

BUTTERSCOTCH PIE

Melt butter (size of 2 walnuts). Brown it. Add 2 c. brown sugar and stir till sugar is melted. Add 1/2 c. hot water and cook slowly till dissolved.

Mix:

2 T. flour
2 egg yolks
2 c. milk
pinch of salt

Stir into the mixture slowly. Boil until it thickens. Pour into a baked pie crust or a graham cracker crust. Beat egg whites for top and brown.

Mrs. Henry Fisher, Bird-in-Hand

CORNSTARCH PUDDING

1 qt. milk
4 T. sugar
3 eggs, separated
2 T. cornstarch
1/4 t. salt
1 t. vanilla

Scald 3 1/2 c. milk in top of a double boiler. Combine sugar, salt and cornstarch. Add the remaining milk to make a smooth paste. Add some of the hot milk to the paste. Then stir the paste into the scalded milk.

Cook until thickened. Beat egg yolks and add some of the hot custard. Slowly add beaten yolks to mixture and cook for 2 minutes. Remove from heat and add vanilla. Beat egg whites until stiff. Add 1 T. powdered sugar. Fold beaten whites into custard. This may be served in sherbet glasses topped with whipped cream or poured over fresh fruit or sponge cake.

Rachel Glick, New Holland

CREAMY CHEESE NOODLES

1 pkg. noodles
1 8-oz. cream cheese
1 c. half and half
1 c. milk
1/2 c. grated Parmesan cheese
1/2 t. salt
1/8 t. pepper
1/2 c. parsley, chopped

Cook noodles in boiling water. While noodles cook, soften cream cheese. Blend in half and half, milk and cheese, salt and pepper in blender. Drain noodles, pour cheese sauce over noodles tossing lightly with fork till well coated. Spoon into dish and put parsley on top.

Pauline Martin, Maugansville, Md.

CRACKER PUDDING

1 qt. milk
1 c. granulated sugar
2 eggs, beaten
1 1/2 c. cracker crumbs

Scald milk. Mix sugar, crumbs and eggs, then add to milk and cook till thick. 1/2 c. coconut may be added if desired.

H.K. Fisher, Bird-in-Hand

DATE-MILK PUDDING

Syrup:

1 c. brown sugar
1 c. water
1 T. butter

Batter:

1/2 c. brown sugar
1/2 c. milk
1 c. flour
1 c. dates, chopped
1/2 c. chopped nuts
2 t. baking powder
1/4 t. salt

Combine sugar and water for syrup. Cook together 3 minutes. Remove from heat, add butter.

To make batter, sift flour, sugar, baking powder, and salt together. Add milk and stir till smooth. Fold in chopped nuts and dates. Blend well.

Pour syrup into greased baking dish. Pour batter on top of hot syrup and bake at 350 degrees for 35 to 40 minutes. Serve plain or with whipped cream.

Mrs. Lester Newswanger, Shippensburg

CHEESE DIP

1/2 lb. cream cheese
1 small carrot, grated
2 t. grated onions
1 pkg. George Washington seasoning
2 T. milk

Mix all ingredients together. Chill. Then serve at room temperature.

Rachel Glick, Lancaster

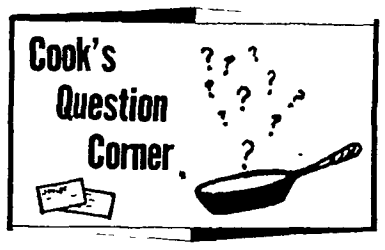
BANANA COOLER

2 medium-sized bananas, sliced
2 T. honey
2 c. cold milk
1 pt. vanilla ice cream, softened
1/2 t. ginger

Place bananas, honey and a small amount of milk in blender container; cover. Puree until almost smooth. Add remaining milk, ice cream and ginger. Blend until smooth and frothy, about 1 minute. Serve immediately in tall chilled glass garnished with a banana slice.

Mrs. Martin Miller, Harrisburg

(Turn to Page B7)



ANSWER — In response to L. Baer's request for a meringue recipe in the May 28 issue of Lancaster Farming is this one which produces a thick meringue as served in restaurants:

MERINGUE

1 T. cornstarch
2 T. cold water
1/2 c. boiling water
3 egg whites
1/4 t. cream of tartar
1/3 c. sugar

Mix cornstarch and cold water. Add boiling water. Stir constantly. Cook about 2 minutes or until thickened. Cool.

Beat egg whites and cream of tartar until soft peaks form. Add sugar gradually. Continue beating. Add cornstarch mixture all at once. Beat until well blended. Makes enough for a 9-inch pie. Bake at 350 degrees for 12-15 minutes or until a light brown.

Margaret B. Lohr
Gettysburg, Pa.

Winning dairy products

(Continued from Page B6)

CHERRY CHEESECAKE PIE

10 ladyfingers, split
2 c. cottage cheese
2 pkg. instant lemon pudding and pie filling
1 3/4 c. milk
2 T. grated lemon peel
1 c. cherry pie filling

Split 6 ladyfingers; cut each crosswise in half. Place rounded side up against edge of well buttered 9-inch pie plate. Line bottom of plate with remaining split ladyfingers, cutting into small pieces if necessary. Set aside. Beat cottage cheese in small mixer bowl on high speed of mixer until almost smooth. Prepare pudding as directed on package, reducing milk to 1 3/4 c. Stir in cottage cheese and lemon peel. Pour into prepared pie plate. Refrigerate several hours or overnight. Spoon cherry pie filling over each serving.

Karen Field, Altoona

Vitamin B may help fat

COLLEGE PARK, Md. — Dairy cattle on low forage diets might benefit from one type of vitamin B dietary supplement, according to University of Maryland dairy scientists.

Choline, a B vitamin that helps mobilze and transport fats in the body, increased the percentage of milk fat in milk from Holstein cattle used in a recent series of experiments.

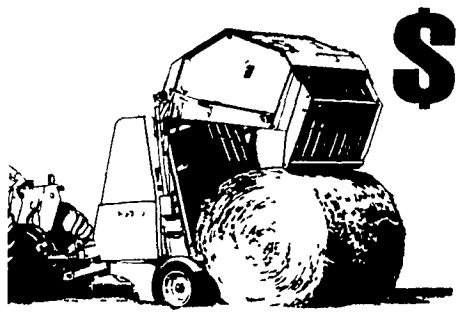
Cattle on low forage diets showed the greatest percentage increase in milk fat synthesis when given supplements of choline.

Quality was not the only improvement, according to the scientists. Milk yield also increased for cattle on low forage diets and given supplements of choline.

The results are surprising, say the researchers, because until recently scientists believed ruminants such as cattle produced enough of their own choline with the help of bacteria in their gut.

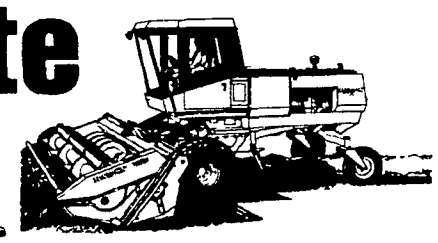
Another Major Surprise:

HESSTON SUMMER SURPRISE PACKAGES!



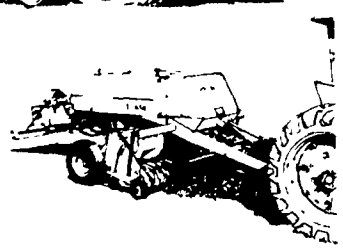
$500 Cash Rebate

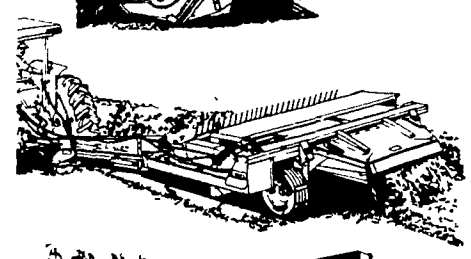
On Hay & Forage Equipment purchased by June 30, 1983!*



$400 Cash Rebate

If purchased July 1 thru July 31, 1983!





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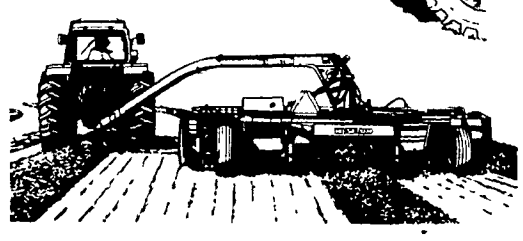
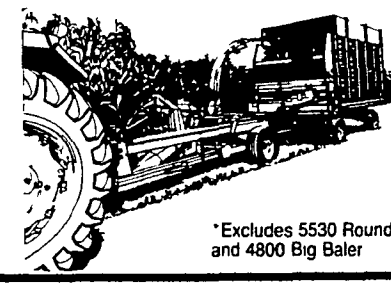
OR...Optional Finance Charge Waiver To April 1, 1984





*Excludes 5530 Round Baler and 4800 Big Baler

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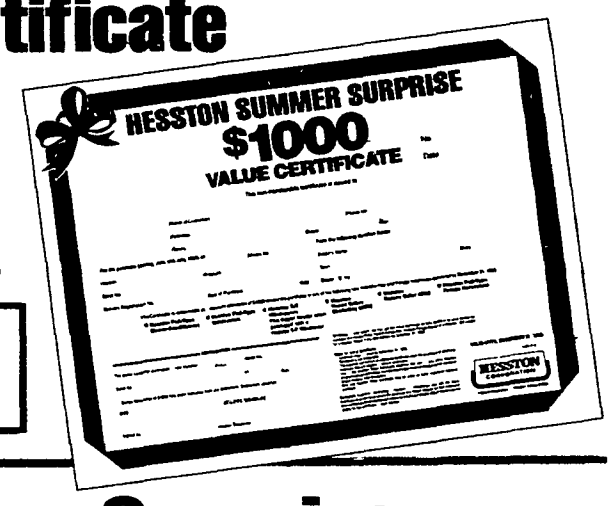
OPTION: Use the VALUE CERTIFICATE at 50% ($500) of its value on a Hesston Hay Rake, Forage Box, Forage Blower or L320 Loader, if you take delivery by Dec 31, 1983

*Excluding 5530 Round Baler and Tractors



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*Void where prohibited by law Entry forms available at Hesston Farm Equipment dealers

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On being a farm wife - And other hazards

Joyce Bupp

Okay, out there, how many of you remember taking field trips in school?

While you might have forgotten your fourth grade math book title, or the capitals of the states, or the sixth-grade teacher, what's-his-name-who-I-drooled-over-for-the-entire-year, field trips tend to stick in the memory better.

In first grade, it was a visit to a local dairy, long since gone out of business. Still vivid in my mind are the rows of glass bottles (boy, that will date me!) traveling around in a circle through the machine that put those caps on them.

And I remember getting a popsicle treat at the end of the tour.

Now we sometimes find ourselves on the host end of field trips, when an occasional group of young visitors picks a farm for their educational travel.

While we try to explain in simple terms the fine points of cows, feed, equipment and miscellaneous related lore, what we show-and-tell, and what they remember, most are not always identical.

One recent small visitor with a field trip group was fascinated with the idea that the cats and dog are free to run around the yard. Overrun with barn cats, as are most dairy farms, their freedom from confinement rarely earns a second thought from us, except at those times when they stray off to forbidden territory.

A heavy packet of "thank you's" that arrived a few days later really fascinated us, as we marveled at those particular things that had impressed these youngsters, and their appreciation for those simple things around us that we too often take for granted.

Most, of course, commented on the cows, calves and tiny baby kittens, while several took special note of the dog.

"I liked the 'black things,'... I liked the ground hogs... I liked the guinea pigs," we think are all aimed at the five lovable, furry rodent pets that ran around the grass through the youngsters' feet.

"I liked the motorcycles," wrote a few, boys naturally, as we determined from the signatures on the pictures.

Another wrote that they liked the turtle. Turtle? I missed that part of the field trip, apparently.

The "pills", "vitamins" and "medicine" impressed a few who were boggled by the size of blouses used to treat cattle health problems.

One foxy little fellow named Alex confided that he had "liked the dairy queen...she's cute." Many also graciously expressed their thanks for the milk and cookies she shared with them.

One writer endeared himself particularly to the farmer with the message: "Get more cows.'

Another picture arrived decorated with a red barn, blue sky, yellow sun and the terse message, "I wasn't there. I was at the zoo."

A few comments, however, caused my eyes to sting with tears when I read them; 'I saw the sunshine," and "I got to lay in the grass."

And, finally, at the tail end of one stapled grouping of picture-messages came this adorable thought: "I hope you had a good day with your cows and stuff. I hope we come back very soon. I love you."

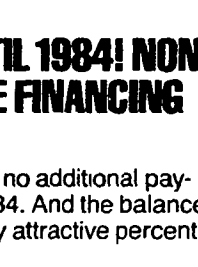
Most of our days "with the cows and stuff" are quite rewarding, but it was an especially "good day" when that packet of picture-notes arrived.

Quilters Guild to meet

LANCASTER — The monthly meeting of the Lancaster County Quilter's Guild will be held June 14 from 7-9 p.m. at the Farm and Home Center.

There will be a brief installation of new officers. Jean Musser, of the 1830 House, will talk about quilting tools, and her daughter-in-law, Barbara, will discuss the differences between quilting here and in Texas. Barbara will also talk about legalities in quilting.

All those who are interested in quilting are welcome to attend.



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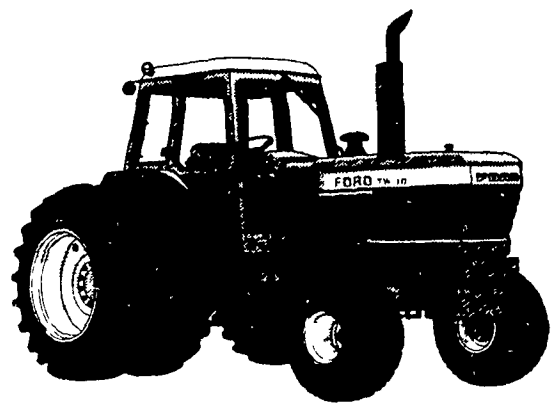

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Lab animal agreement reached

WASHINGTON, D.C. — The U.S. Department of Agriculture and Health and Human Services have signed an interagency agreement aimed at cutting costs and standardizing federal requirements for the care and treatment of laboratory animals.

"Federal agencies have cooperated informally for years in carrying out their respective laboratory animal welfare responsibilities," said James O. Lee, Jr., who signed the new interagency agreement for USDA's Animal and Plant Health Inspection Service.

"By formalizing the cooperative process, the agreement sets the stage for continually improving industry compliance and realizing savings in staff and tax dollars while maintaining a high level of laboratory animal care," said Lee, who is associate administrator for the agency.

Others who signed the agreement are Arthur Hull Hayes, Jr., commissioner of the Food and Drug Administration, and James B. Wyngarden, director of the National Institutes of Health.

Specifically, the agencies agreed to share information on regulated institutions. They also will:

— Coordinate inspection schedules so they will have the most impact.

— Share information on significant deficiencies in animal care and welfare found by inspections and indicate followup actions taken.

— Share other evidence of serious noncompliance.

— Cooperate in standardizing new regulations or policies.

— Exchange resource persons for scientific seminars, speeches and workshops related to animal care.

Each of the agencies has some authority for fostering proper animal care and welfare. USDA enforces the Animal Welfare Act, which regulates registered research facilities using laboratory animals. Those who use laboratory animals are inspected to see they follow ten specific federal standards relating to animal care, treatment and transportation.

The Food and Drug Administration's authority comes from the Federal Food, Drug and Cosmetic Act, which requires proper conduct of laboratory studies that include animals. FDA officials conduct periodic compliance inspections.

The National Institutes of Health implements the animal welfare policy of the Public Health Service. Each institution receiving monetary support for research involving warmblooded laboratory animals must adhere to 12 basic principles of humane care, detailed in the NIH "Guide for the Care and Use of Laboratory Animals." The agency can stop support of a project or an entire institution that does not handle laboratory animals properly.

The agreement establishes a standing committee of liaison officers, who will meet at least once per year to review the effectiveness of the agreement and suggest possible modifications. Currently serving in that capacity are: Arnett Matchett, chief staff veterinarian for animal medicine and technology for USDA's Animal and Plant Health Inspection Service; Paul D. Lepore, staff scientist for bioresearch monitoring for FDA; and Charles R. McCarthy, director of the office for protection from research risks for

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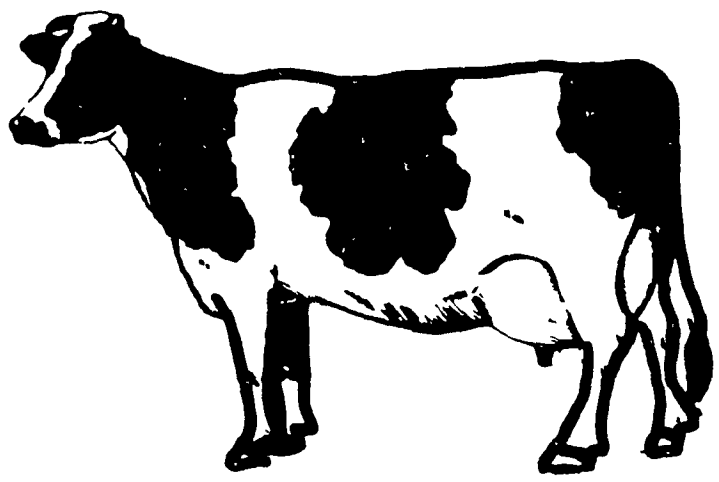
Kid's Korner

June is dairy month!



Have you had a glass of milk today?

Lehigh Co. Baby Beef Club lists show winners

SLATINGTON — The Lehigh Co. 4-H Baby Beef Club held their Spring Show at the Krause Farms in Slatington, recently.

Featured at the show were Sterling Ritter who gave a talk on new rules and regulations of the 1983 Allentown Fair, and Cheryl Fairbarn, the show's judge, from the Chester Co. Extension Office.

Winners of the show are as follows:

Senior Class Fitting

1. Willi Wilson 2. Bonnie Wessner 3. Seth Gruber 4. Todd Bennicoff 5. Ralph Danner.

Senior Class Showmanship

1. Willi Wilson 2. Ralph Danner 3. Bonnie Wessner 4. Seth Gruber 5. Todd Bennicoff.

Intermediate Fitting

1. Debra Krause 2. Frank Fragnito 3. Lewis Trexler III.

Intermediate Showmanship

1. Debra Krause 2. Frank Fragnito 3. Lewis Trexler

Junior Fitting

1. Gavin Grim 2. Richard Trexler 3. Nicole Trexler.

Junior Showmanship

1. Richard Trexler 2. Gavin Grim 3. Nicole Trexler.

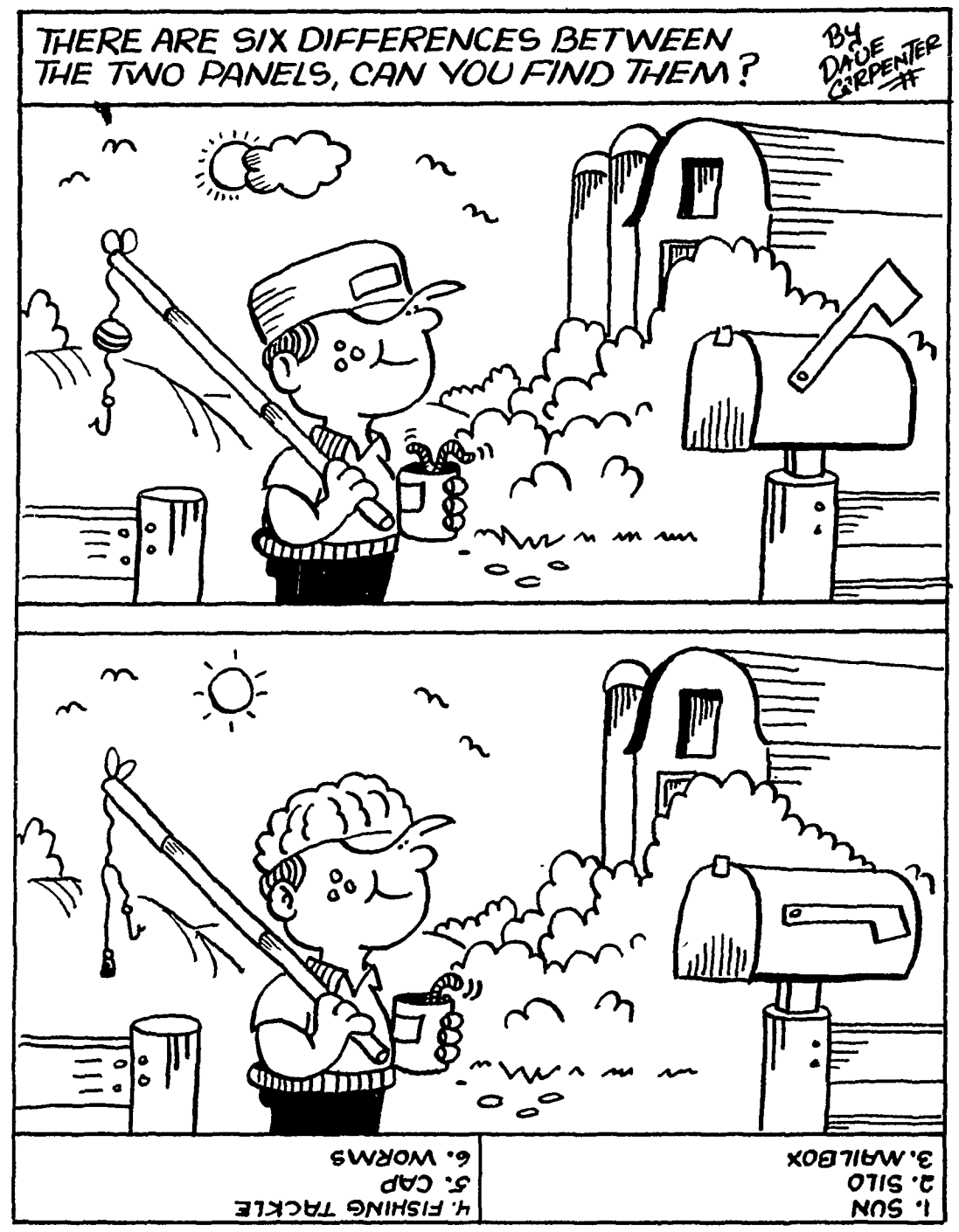
The club will be holding a skating party on June 6.

The next meeting will be held July 11 at the Farm Credit Building in Fogelsville.

Golden Guernsey

LANCASTER — The Golden Guernsey 4-H Club met for their monthly meeting and dairy bowl at the home of Ken Garber, recently.

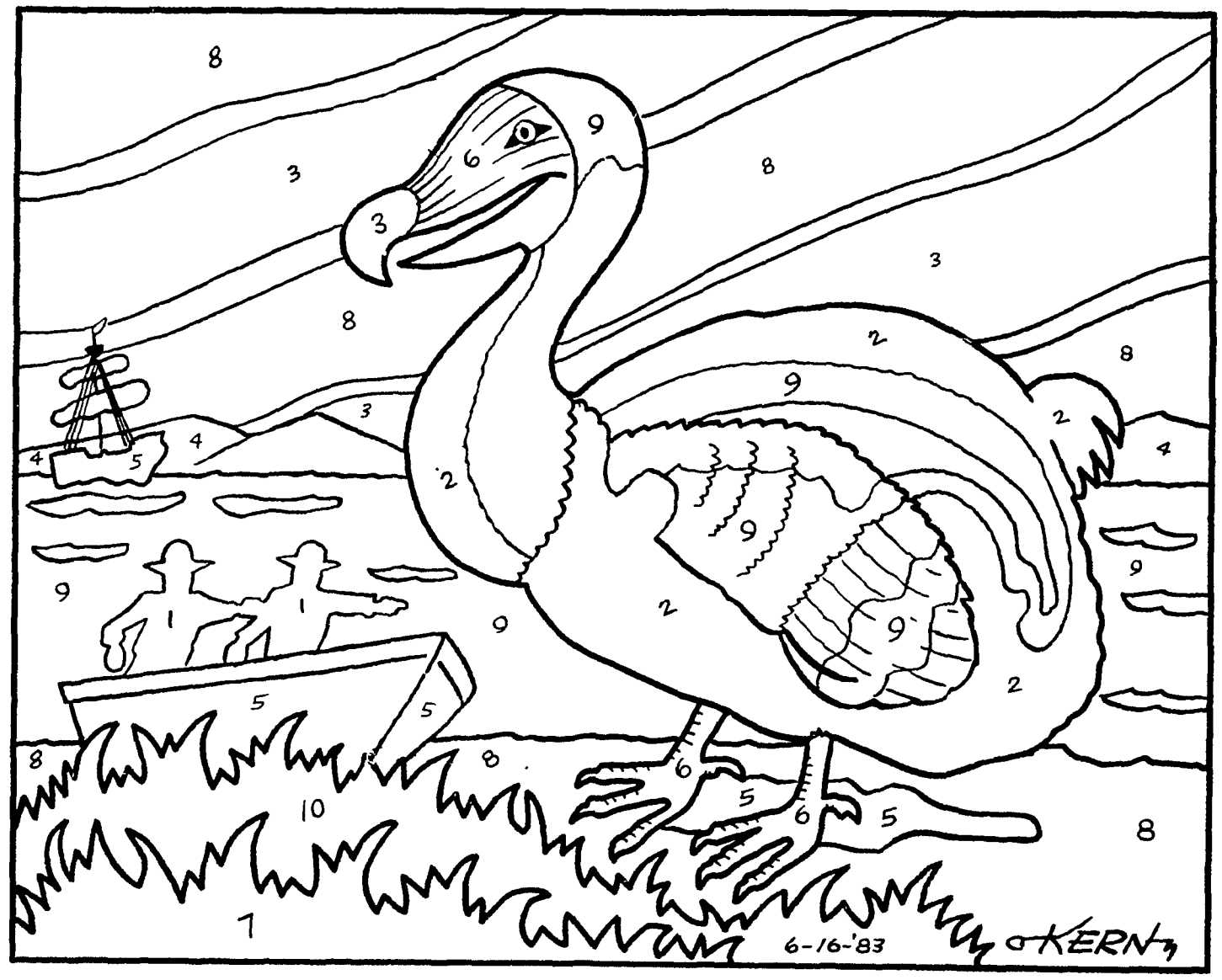
The next meeting will be held at the home of Raymond Witmer on June 13 and will include a fitting and showing demonstration.

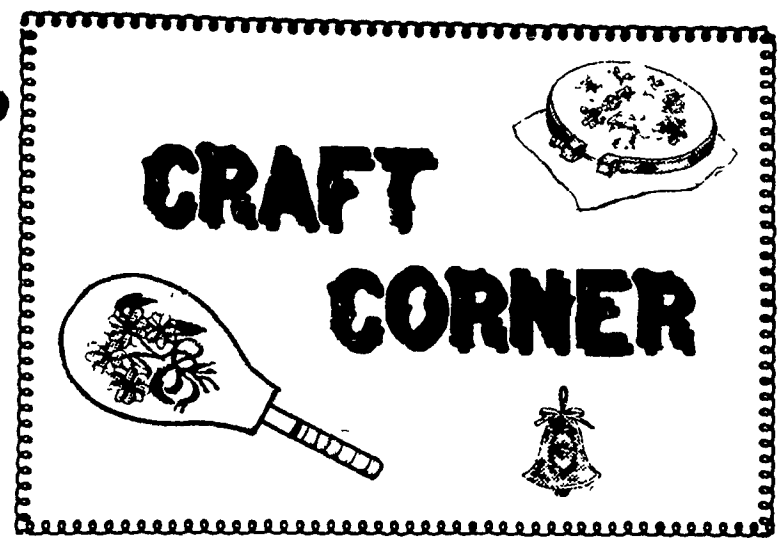


COLOR THIS!

1.	BLACK	6.	ORANGE
2.	VIOLET	7.	GREEN
3.	YELLOW	8.	PEACH
4.	BLUE	9.	LT. BLUE
5.	BROWN	10.	LT. GREEN

THE DODO BIRD. THIS IS ONE OF THE BIRDS THAT NO ONE WILL EVER SEE ALIVE. IT HAS BEEN EXTINCT SINCE 1681. THIS BIG BIRD LIVED ON TWO ISLANDS IN THE INDIAN OCEAN. SAILORS WHO STOPPED AT THESE ISLANDS FOUND OUT THAT THESE BIRDS WERE EASILY CAUGHT FOR FOOD. DODOS HAD SUCH SMALL WINGS THEY COULDN'T FLY.





Butterfly sachets to string along

Instead of stitching ordinary sachets, why not make them in butterfly shapes? You can make several with ease, string them on ribbons, and hang them on a hook in your closet.

All you need for the butterfly sacks are fabric, eyelet and ribbon scraps. Butterflies are simply squares, stuffed with sachet, and tied at the center.

You can purchase potpourri at variety, gift or craft shops or dry flowers from your garden. If you add scented oil to your home-dried petals, your potpourri will remain sweet-smelling for a long time.

Here are directions for a string of butterfly sachets:

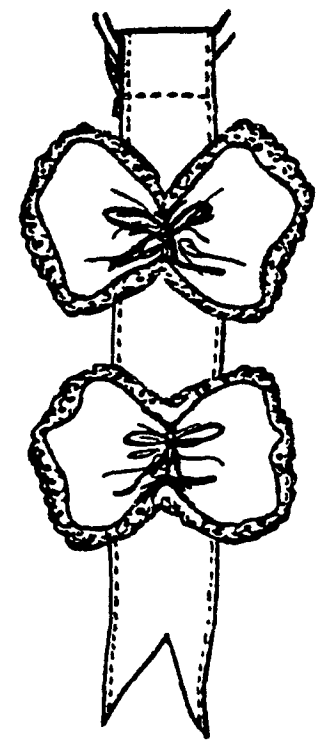
MATERIALS: Cotton or cotton-blend fabric scraps; Skinny ribbon, about 1/8-inch wide; ¾-yard of eyelet, about ½-inch wide; ½-yard of velvet, satin or grosgrain ribbon, about 1½-inch wide; Curtain ring; sewing supplies; potpourri.

PREPARATION: 1. Cut two 4-inch squares of fabric. 2. Sew long gathering stitches close to one edge of eyelet. 3. Gather eyelet to fit around square. 4. Baste eyelet to right side of one square.

ASSEMBLY: 1. With right sides facing, stitch both squares together. Leave 6 inches open for turning. 2. Turn square to right side. 3. Stuff lightly with potpourri.

FINISHING: 1. Sew opening closed with tiny hem stitches. 2. Bring 1/8-inch ribbon around center, pull tightly, and tie in a bow. This will turn your square into a butterfly shape.

HANGER: 1. Notch one end of wide ribbon. 2. Turn other end over ring. Stitch in place. 3. Stitch butterfly sachets to ribbon.



Tips on buying a quilt

KUTZTOWN — Pointers as to how to select the quilt most suitable for you, from the 1500 handmade masterpieces on view and for sale at the Kutztown Folk Festival, which will be held from July 2 through July 10th, have been outlined by Ann Burrows of Kutztown, new quilting supervisor and widely recognized as an expert pattern marker.

Consider three things primarily, advises Ann, — the color, design, and size. The majority of Kutztown quilts are patchwork, which are well made and very colorful, she points out. "However, should the buyer want a more distinctive and original quilt, an appliqued quilt should be considered," she said. "Appliqued quilts take more time and skill to create, and some of the most popular designs are Dahlia, Dresden Plate, and Double-Headed Eagle.

Do not overlook the Amish quilts, she emphasized. Some of them are very colorful. While the Amish never use prints, they stick to solid color fabrics in red, green, purple, blue, and always black. "A large number of quilts are received from the Mennonite Community," said Ann.

Kutztown may have more quilts under one roof than any place else in the world, she disclosed. "The prize-winners, in particular," she said, "are masterpieces of unusual beauty."

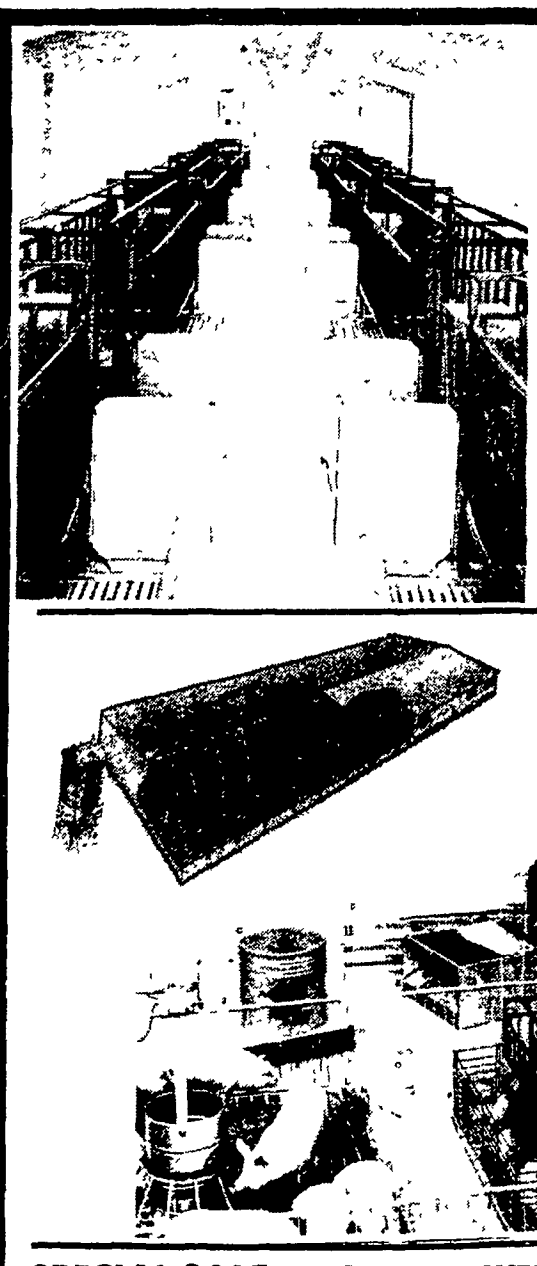
All entries in this year's 19th Annual Quilting Contest must be received on Saturday, June 25, starting at 6 a.m. Only the first 1550 will be accepted and they must be marked for category, size, and prize, not to exceed $285, plus handling charge. All will be judged, with the winners remaining on display throughout the Festival's run. Other entries, also on display, can be purchased in cash and taken with the buyer.

Thomasville 4-H meets

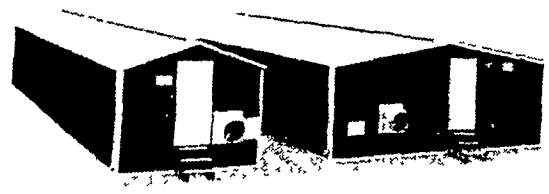
DOVER — The Thomasville 4-H Club met recently at the 4-H Center in Bair to hear Christine and Tina Shaffer give demonstrations.

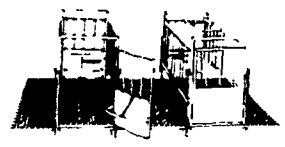
Members plan a county demonstration today, at the 4-H Center beginning at 9 a.m.

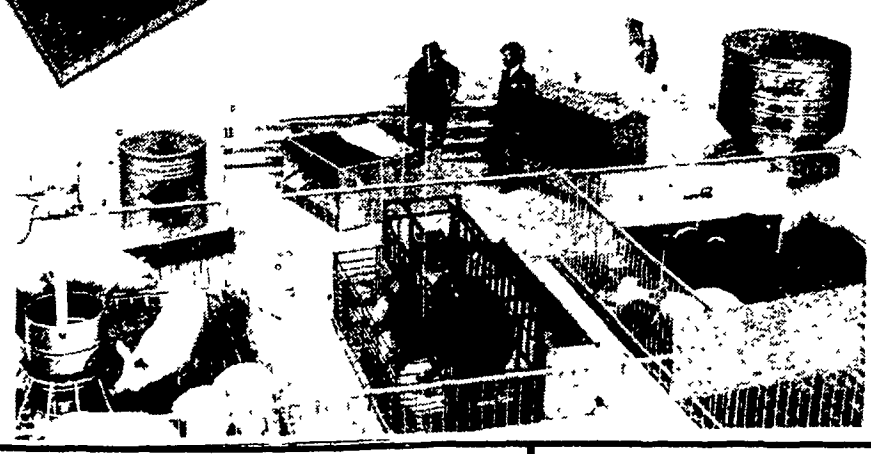
There will be no June meeting of the club, but members are urged to attend the skating party sponsored by the County Council at 7 p.m., on June 28 at the Roll R Way in Delco Plaza.



COMPLETE
SELF CONTAINED SOW
OR PIG CASTLE
BUILDINGS







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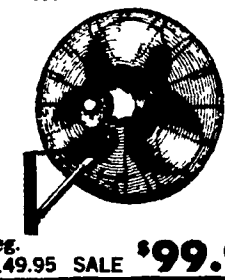

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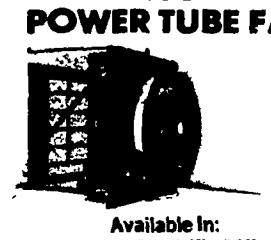

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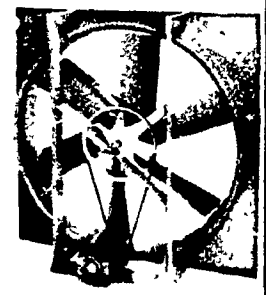

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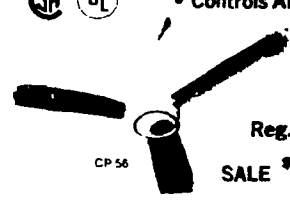

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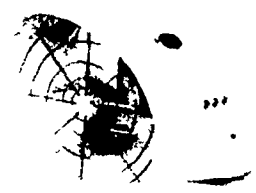

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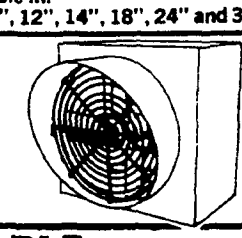

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Mother of 10 turns greenhouses into successful business

BY PATTY GROSS MOCK
Staff Correspondent

MARTINSBURG — Have you ever been curious about how some women can do it all and do it well?

Lydia Zimmerman is one that excels, even without many of the modern conveniences. A farm wife, mother of ten children, including two pairs of twins, an avid gardener and a businesswoman with her own commercial greenhouses, just scratches the surface of Lydia's story.

This Mennonite woman is unique in other ways because of the customs to which her religious family holds fast. Irwin and Lydia Zimmerman and their children are a group of more than 40 Mennonite families gathered in the Martinsburg area. They were one of the first 5 families of the Old Order Mennonites from Lancaster County to move to the Morrisons Cove area.

It was 13 years ago that Erwin Zimmerman, seeking more farmland, brought his family to the rich 180-acre "Spring Farm" in Bedford County. The land is similar to Lancaster County, where they farmed for 5 years. "It isn't quite what we're used to, but it is still very good land. We love it here," Lydia quickly adds.

Flat fields are being tilled by the Zimmerman men as you wind down the long narrow dirt lane to the Spring Farm Greenhouses. It's planting time, but is also the busy season for Lydia's greenhouses. "I always look forward to this time of the year. I'd much rather be out here," she grins as she busies herself with the plants and customers. Lydia admits that she likes variety and isn't content with only the household chores.

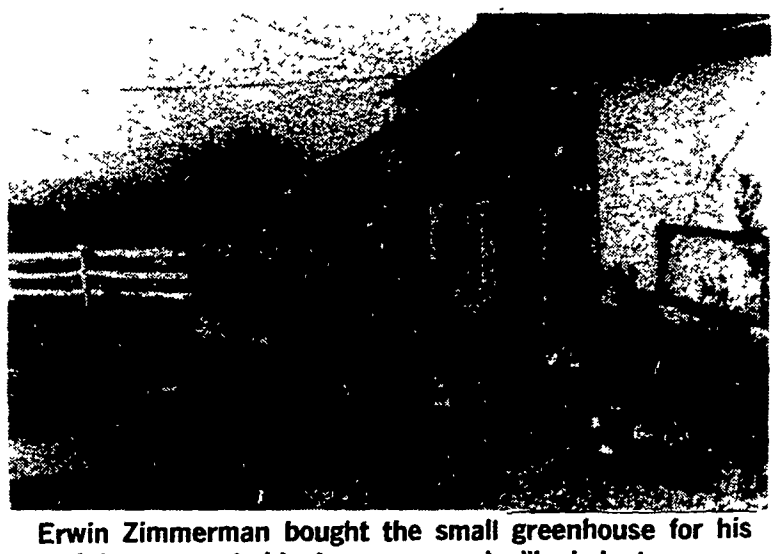
She began her greenhouse 5 years ago, when she took a small glass house out of storage. "I used to sow a packet of seeds and transplant what I wanted," recalls Lydia. "Then I decided to transplant them all and put a sign at the end of the lane. I'd sell a couple of plants to pay for my greenhouse. People just flocked here and wanted to buy everything I had," she laughs. That was when she realized how much fun she was having and decided to do more.

Much more is just what the new greenhouse operator did, as she began her first business. The next spring her family put up a 20'x40' greenhouse and filled it with plants. Plants now overflow from three greenhouses which cover 5,500 square feet. "We kept adding on, but we are going to quit. I don't want to get into the big business," Lydia says. "It's just within our family. Maybe someday when the kids are grown we'll have to hire help."

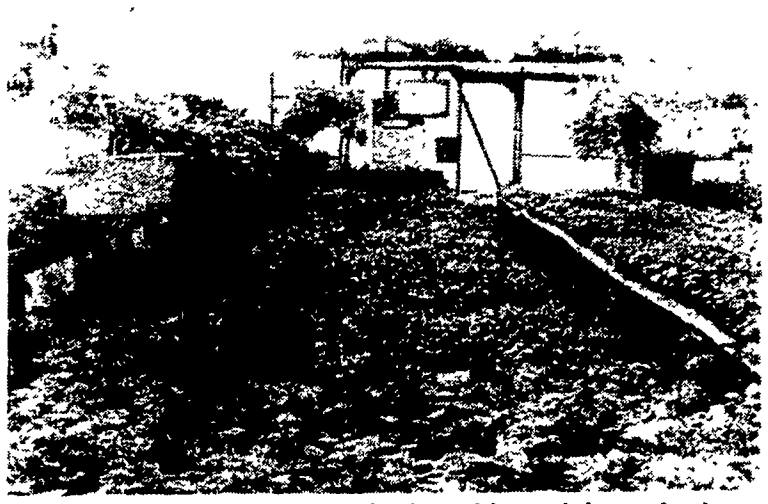
She doesn't have a shortage of workers. Her oldest daughters, Roseann, 18, and Lorraine, 16, lend a hand and the boys fill the flats. When business is hectic, Erwin takes time out from farming to help in the greenhouses. "We both love it," beams Lydia. "Whenever he retires from the farm I expect we'll just do the greenhouses."

The Zimmermans work as a close-knit family, always ready to assist each other. Erwin and Lydia work the 42-head Holstein dairy farm as a team, making decisions together. "I used to always help in the fields and barn, but since the boys are older I help only when they need extra help. It's not that I don't know how. I quit when the greenhouse got too big." With the three oldest sons, Vernon, 17, Marcus, 14 and Clyde, 12, working with their father, Lydia takes over when they go fishing.

The first plant you see when you enter the greenhouse is this big, beautiful orchid cactus. It is one of Lydia's favorites.



Erwin Zimmerman bought the small greenhouse for his wife. It began as a hobby for a woman who liked plants.



The greenhouses are overflowing with a rainbow of colors. This is the busiest time of the year for the operation.

Spring Farm Greenhouses was destined for success from the beginning. Lydia is excited as she reflects on the origin. "It seemed like this area was right for something like this." The first year they sold flats of flowers and vegetables the news spread quickly.

"It was almost unbelievable," Lydia's face brightens as she remembers. "By Memorial Day we didn't have any more plants to sell. People just kept coming." Signs are posted on the rural roads near the farm and greenhouses. Some advertising is done in area papers, buy Lydia prefers to rely on her customers for the best advertising.

She is very surprised that her business, which began with seedlings at her window sills, has grown into a 6-day 9 a.m. to 9 p.m. business. "It was a hobby! I had no idea of anything like this. It came on unexpectedly."

Lydia knew her way around greenhouses long before she began. As she tells her story you realize that greenhouses are a family trademark. Two sisters operate businesses in Lancaster County and New York, while another sister has a greenhouse for her own use. Her brother sells plants wholesale and Erwin's brother also owns a greenhouse.

For this devoted mother, the job is just what she wants. As her own boss, Lydia does as she pleases. She sets her own hours and still has time for her family. Working next door to the farmhouse gives her time for her household chores and time to care for her children, especially 9-year-old Annetta, the 6 year old twins, Berneice and Brenda, and the youngest twins, Kevin and Kenneth, 22 months.

Lydia, Roseann and Loraine take turns working in the house and out in the greenhouses. Lydia is glad to be able to furnish jobs for her children and at the same time keep watch over them. "It's hard for young people to get jobs around here. Working at the greenhouses they get to meet people. It's not secluded. They get experience working with people. I'm with them, training them as I please and still they are not away from other people."

As she waits on the many customers who browse up and down the aisles of the greenhouses, it is obvious that Lydia has learned her job well. Her polite and sincere attitude come natural in a business where your customers are a special as the plants. Always able to answer questions and give welcomed advice, she credits her mother for exposing her to the beauty of raising plants. The Mennonite gardener has learned from digging in the dirt and into books. "I mostly learned as I went. To read you learn, but it doesn't stay with your nearly as well as if your work with it and learn by experience," believes Lydia. She keeps up on the latest news with gardening magazines.

She offers some very simple advise for owners and plants who don't seem to be compatible. "It's better to run house plants on the dry side rather than wet. When they are clogged with water there is no air in the soil and the roots will rot. Our most important job is watering. You must know when to water, when not to water and how much.

Lydia openly admits that they have made mistakes, but fortunately have learned from the not-so-costly-errors. She remembers the winter they grew poinsettias and forgot that the outside night light had been moved, casting light into the greenhouse. The plants failed to bloom in time for Christmas.

"Another year we had quite a few geraniums left. They were too spindly. No one wanted them." Lydia laughs the experience off, explaining that they planted them too close together.

The pansies failed to do well one year when she tried a new fertilizer. "Stay with what you're familiar with and what you know is good. If you want to try something new, go with a small amount," the experienced gardener advises.

Insects and weather can quickly damage the plant growing business. "Insects can be a problem. You have to remember to do it, but if you stay on a regular spray program, it's good."

The weather has an effect on

(Turn to Page B13)

Lydia Zimmerman has operated her Spring Farm Greenhouse for 5 years. Her hobby has grown into three greenhouses, covering 5,500 square feet.

Greenhouse business

(Continued from Page B12)

greenhouse plants and the customers. "This year was really difficult in the month of April," says Lydia. There were only 8 full days of sunshine and it was too cold to move plants outside. No gardener is rushing to buy plants this spring while it is cold and wet. "If the weather doesn't cooperate we don't sell. People come when it gets warm. The veteran gardener says they usually sell 25% of their plants in April. This year they probably sold 5%. Lydia explains that there are two groups of gardeners. The people that plant early and the people that don't even think about planting until after Memorial Day. Easter and Mother's Day have gone on record as big sales, no matter what the weather.

Business is slow over the winter months. The Zimmermans have determined that as long as they have something, customers will continue to buy. "We sell an awful lot of houseplants." Lydia says this surprises other greenhouse operators. "Every area must feel what the customers want. We grow what we can sell." Shrubbery is offered, but they do not venture into trees.

The alert saleswoman has a wider variety than many greenhouses. Believing it is important to know exactly what you are offering, Lydia raises most of her own plants. Some of the plants are produced from cuttings and dormant plants which she buys. The selections you have to choose from number into the hundreds. Most of the varieties are common with a few of the more unusual kind available. Surveying the hundreds of flats in the greenhouses, customers are most likely to purchase impatiens. Following close behind in popularity are petunias and marigolds. There are at least two dozen types of vegetable plants. Tomatoes and peppers sell out first.

For those who do not garden, the Mennonite family offers farm fresh produce. Acres of peas, string beans and wax beans are picked to order. Cantaloupes and watermelons are also harvested to sell.

The suffering economy apparently hasn't cut down on sales. Lydia has discovered that her regular customers buy about the same amount every year. Business continues to increase as new customers discover the rural greenhouses.

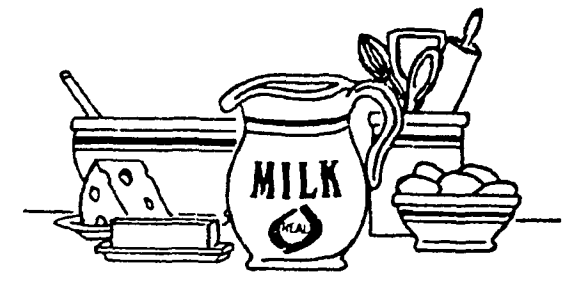
If a customer requests something which they do not have, they will get it. "If it fits in with our plants, we try to have it the following year." Lydia is out to please everyone. "We always replace something that is brought back, even if I think it's their fault. We all make mistakes." Apparently it doesn't happen often by the number of satisfied customers.

Lydia confesses that complaints bothered her in the beginning, but has realized that you can't satisfy everyone. "There are so many people that appreciate what you do and what you have. It evens out."

Public opinion has a lot to do with the greenhouse products. A scoresheet is kept each year for better business. "We write down how many flats of everything — if we had too many or too few; if we were too early or too late," says Lydia as she opens her book of records.

She works very hard to have what area gardeners are after. More importantly, however, is the facility which houses the fragile living things. The greenhouses have not only grown in size, but have gone through other changes. Double poly inflated plastic is used over the plants. "We are in a windy spot. It rides in the wind," Lydia states mater-of-factly. More light is also able to get through the plastic than the fiberglass.

"I'd like to get better instead of bigger," she concludes with a look of contentment. She enjoys her job now just as much as she did five years ago when it began. "You have to like it. I love plants! This is the first time I played that it paid! I'll be here as long as I can do it."



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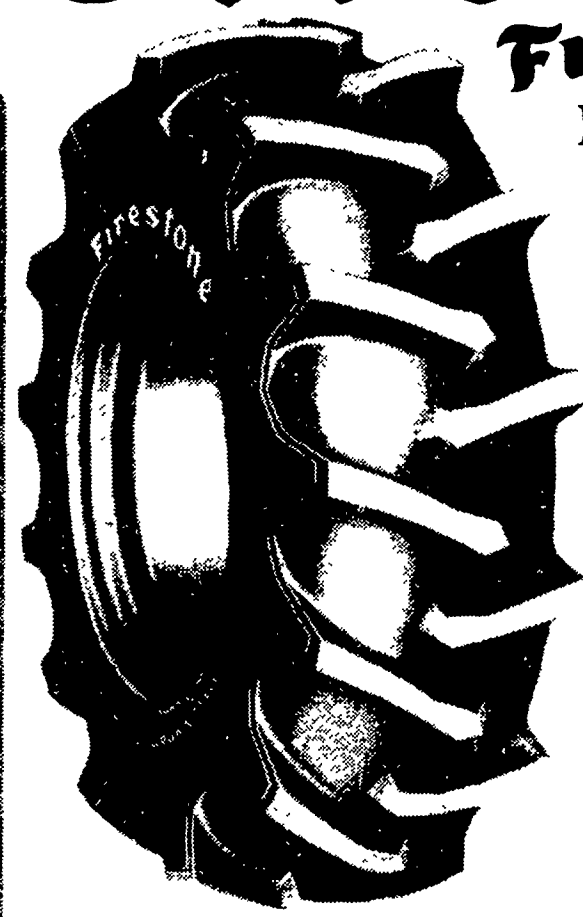

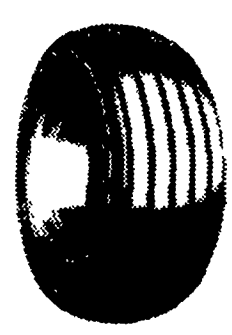

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The Knotley Hall Trio from Brandywine Grange in southern Maryland recently captured first place in a 7-states regional competition involving deaf song-singing of the song "Elvira". Shown are, from left, Josephine Hooley, Robin Scott and Nancy Wolfe with Sharon and Bruce Croucher, the National Grange Youth Directors. The trio represented Prince Georges Pomona, but lived in St. Mary's County.

Maryland State Grange holds youth night

LEITERSBURG — The Maryland State Grange held its annual youth night, recently.

Serving as youth officers were Master Mike Spielman, Glade Valley; Overseer Susan Day, Beltsville; Lecturer Theresa Wiles, Glade Valley; Chaplain Marty Reese, Linganore; Treasurer Doug Spickler, Fairview; Secretary Kathy Grimm, Wacohu; Gatekeeper Michael Heath, Medford Ceres Pam Martin, Thurmont; Pomona Cindy Ay, Jarrettsville; Flora Peggy Hinkle, Medford; Executive Committee Anne Fulton, Beltsville; Executive Committee Sheila Letherman, Tuscarora.

Louis Goldstein will be guest speaker at the State Grange Youth Breakfast to be held October 15 at the Sheraton Inn in Frederick.

Maurice Wiles, membership director, urged everyone to work on getting new members and discussed the National Membership Kit the Maryland Grange has accepted.

Speakers for the evening included Donna Mills of Carroll Manor Grange who discussed her trip to Rhode Island for the 1982 National Grange Session.

The State Grange public speaking contest was held also. Winners included Connie Zimmerman, Glade Valley Grange for 14 to 18 year olds; Mike Spielman, Glade Valley Grange, for 19 to 35 year olds.

Following the public speaking contest, the State Deaf Song-Signing contest was held. Placing first in the individual category was Theresa Duvall of Glade Valley Grange.

In the group category, the Knotley Hall Trio of Brandywine Grange captured first. Members include Nancy Wolfe, Josephine Hooley and Robin Scott.

Twenty-five Maryland Grange youths recently attended the Mid-Atlantic Youth Conference near Lewes, Del. The youths met with Grange members from seven states. Attending from Maryland were, front, Michael Paradis; Dan Wiles, Tom Fluhart; second row, Pam Martin, Caroline Baker, Thelma Swadley, Tammy Stevens, Nancy Wolfe, Connie Zimmerman, Kathy Grimm, Josephine Hooley; third row, Robin Scott, Cindy Ay, Betty Dorn, Theresa Duvall, Sonya Smith, Paula Benner, Carrie Wiles, Lisa Dayhoff and Janet Wiles; back row, Dave Harman, John Swadley, Mike Spielman, Jim Roderuck and Allen Stiles.

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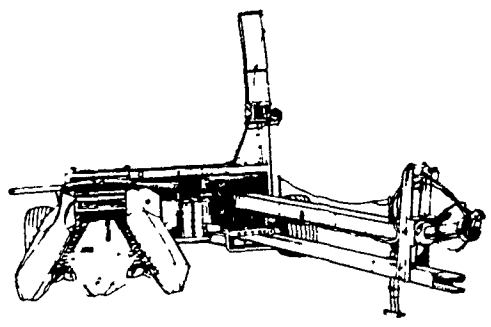
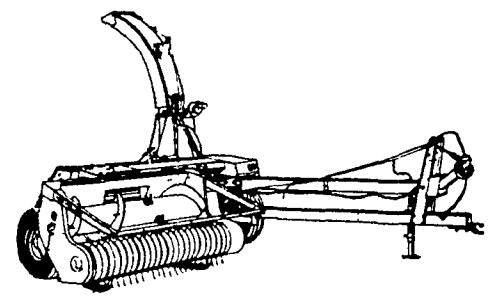


The Model 892 is the biggest capacity pull-type forage harvester offered by Sperry New Holland Built for big tractor horsepower, the "892" can be used with tractors up to 175 horsepower

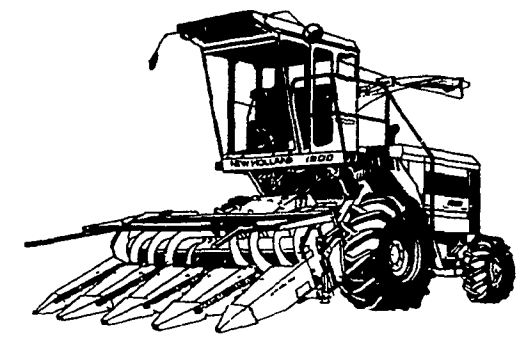
The optional METALERT™ electronic metal dectector — a Sperry New Holland exclusive — reduces harvester damage and can cut down on hardware disease The "892' is available with 12-knife or 8-knife cutterhead Exclusive underbeveled knives never need rebeveling and make knife sharpening fast and easy Flip-up feedroll makes shearbar adjustment easy

There's a big choice of crop heads, including the exclusive interchangeable 3-row crop head/windrow pickup, 2 row low profile crop head, conventional windrow pickup, sicklebar and ear-corn snapping heads Under-knife baffles increase capacity



The Model 782 is built for heavy-duty performance The 12-knife cutterhead chops uniformly, without a recutter screen But for special crops and conditions, recutter screens are available Check these outstanding features

- Exclusive underbeveled knives eliminate the need for rebeveling
- Flip-up feedroll makes shearbar adjustment easy
- Choice of 540- or 1,000-rpm driveline



The heart of the 250-hp Model 1900 chopper is a massive 12-knife cutterhead that's 25½-inches wide. Exclusive underbeveled knives never need rebeveling. And the exclusive Metalert™ electronic metal detector prevents costly damage to the cutterhead by detecting ferrous metal objects and stopping the feedrolls and attachment drive before they reach the cutterhead. Exclusive flip-up feedrolls make shearbar adjustment easy. Exclusive interchangeable cropheads are ideal for the farmer/rancher who chops both windrowed crops and row crops. Stop in soon and let us show you all the features on both Whopper Choppers — the Model 1900 and the 325-hp turbocharged Model 2100.

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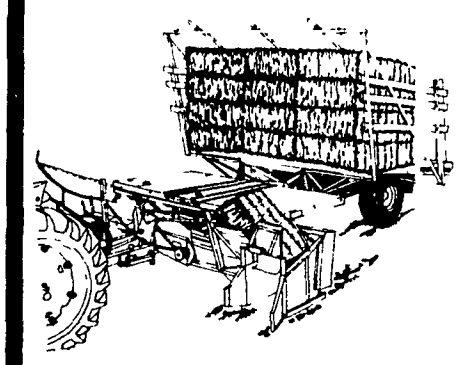

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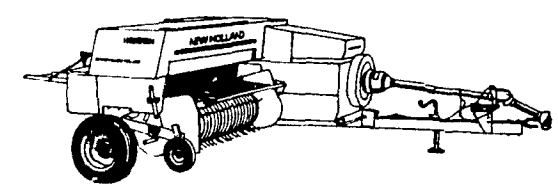
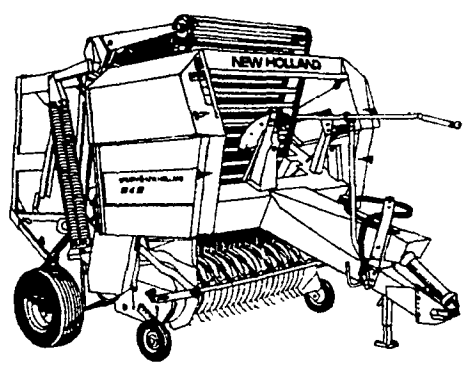
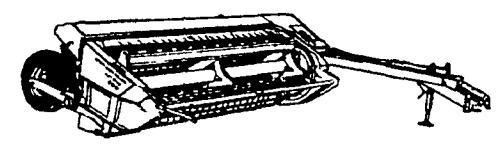


If you're working alone, the economy Model 1003 automatic bale wagon will save you time and labor Bales need never be picked up by hand when you own a bale wagon that does it all — picks up, hauls, stacks and retrieves automatically, while you sit in the driver's seat The "1003' handles 83 14" x 18 ' bales per load. Stop by and let us show you all the features of this labor saver

It's the Model 316 from the baler leader .. Sperry New Holland The 316 is built with extra rugged features to handle tough crops. It's designed to work hard and provide many years of dependable service.



If you want to make a lot of good looking bales in record time, check out the Model 849 from the round baler leader . . . Sperry New Holland The "849" turns out solid 4-3/4' x 5' bales that weigh up to 1200 pounds And, to make your job easier, there's a host of options that add comfort and convenience to a round baling system Let's talk about the "849" and how you can bring capacity, bale shape and automation to your round baling job



Full-width conditioning rolls in the Model 489 Haybine® mower-conditioner are located in the main frame, not the header The lighter header responds quicker to ground contours and greatly reduces knife and guard damage The "489" is designed for operators who demand the very best

Three compete for Lebanon Dairy crown

LEBANON — Three girls will be competing for the 1983-84 title of Lebanon County Dairy Princess on June 18 at the 12th annual dairy princess contest.

The event, to be held at the Annville Elementary School, will feature this year's princess Tamara Tyson, daughter of Mr. and Mrs. Timothy Tyson of R2 Palmyra.

Contestants include Beverly Bollinger, Ann Burkholder and Ellen Hanson.

Beverly, 17, is the daughter of Mr. and Mrs. Galen S. Bollinger of R1 Fredericksburg. She recently completed her junior year at Northern Lebanon High School where she was active in band, chorus, track and National Honor Society.

In addition to band and other school activities, Beverly attends the Mt. Zion Rd. Church of the Brethren. Her future plans include college. The Bollingers have 145 Holstein cows.

Ann, 16, is the daughter of Mr. and Mrs. Ivan Burkholder, R4 Lebanon. Ann has completed her junior year at Annville-Cleona High School where her activities include chorus, chamber choir, Future Secretaries Assn., National Honor Society and treasurer of her class.

Ellen Hanson

Beverly Bollinger

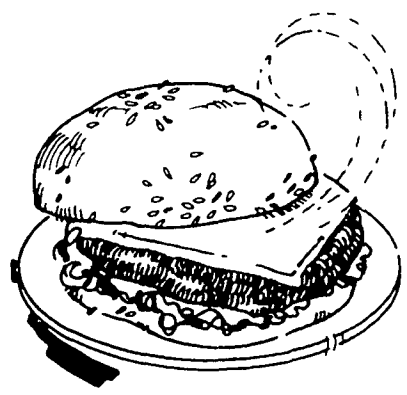
Ann Burkholder

Ann is active in the youth group at the Lebanon Valley Bible Church. She plans to attend business school and major in accounting. The Burkholders have a herd of 175 Holstein cows.

Ellen Hanson, 16, daughter of Mr. and Mrs. J. Ivan Hanson of R2, Palmyra, will be entering her senior year at Lebanon Vo-Tech School this year.

Ellen is enrolled in the horticultural program and hopes to persue this career at Penn State University. She also is involved in the Lebanon Co. Livestock 4-H Club, the South Mountain 4-H Club and the Lebanon Vo-Tech FFA Chapter. She is a member of the Palmyra Church of the Brethren.

The winner, as with other county dairy princesses, will have opportunity to compete for the state title in Harrisburg in September.



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THE PROBLEM

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It's different with hogs High temperatures cause them a great deal of stress because they can't sweat When under this stress due to heat, hogs will lose their appetite, weight gains drop, there is poor feed conversion, conception rate is reduced and pens become a mess All of this adds up to lost profits

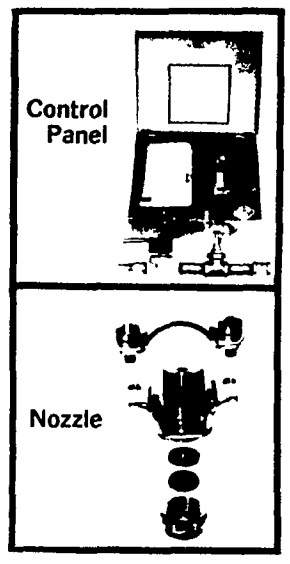
THE SOLUTION:

When the temperature is above 72° F even ventilation can't cure the stress that results But a sprinkler cooling system can help your hogs where nature fell short, giving them a chance to cool off It sprays them with coarse water droplets to reduce their body temperature The idea is simple, but extremely effective

THE SYSTEM:

The sprinkle cycle is turned on automatically whenever the barn temperature rises above a preset level 72° F Throughout this "on" period the control functions to permit sprinkling to occur for a preset time period each hour (2 minutes/hour is recommended for best results) When the barn temperature drops below 72° F the cycle is automatically interrupted

The nozzles are clamped to a plastic pipe strung over the gutter of slatted area at the rear of the pen Each nozzel covers a 5-6 foot diameter area which usually means one nozzle per pen The nozzle assures a coarse droplet spray pattern which is important for maximum cooling A fine mist of fog is not desirable in geographical areas of generally high summer relative humidity



THE PROOF:

	Control Hogs not Sprayed	Hogs Sprayed 1 min per hr above 85°F	Hogs Sprayed 1 min per hr above 70°F	Hogs Sprayed 1 min per hr above 70°F
Average daily gain per hog	1 37	1 62	1 62	1 72
Average daily feed consumption per hog	5 84	6 77	6 72	6 67
Lbs feed per lb grain per day	4 38	4 18	4 16	3 89
Lbs feed save/hog	0	22	22	49
Days earlier to market	0	1	11	15

Research done at Ridgetown College of Agricultural Technology in Ontario and at the University of California have shown these results
These figures are calculated on hogs from 100 lbs up to 200 lbs

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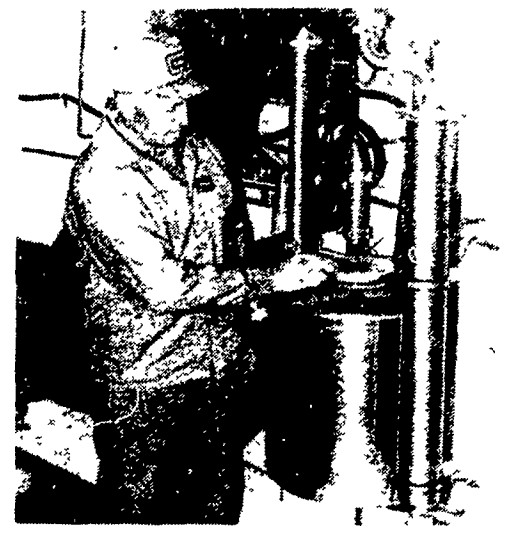

The Leroy Howard Family of Oley, Pa. has installed this Meuller Refrigerated Receiver on their pipeline milking system to pre-cool the milk before storing in their 1500 Gallon Mueller Bulk Cooler.

They figure the receiver should save 700 hours of running time per year on their dual 5-HP units. "The blend stays below 42°", Leroy says, in his effort to produce a better quality product at a lower operating cost!

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Cumberland Co. plans dairy princess pageant

CARLISLE — On Friday, June 17, at 1983 Cumberland County dairy princess will be crowned during the sixteenth annual Dairy Princess Pageant. The coronation will take place at 8 p.m. at Big Springs High School, Newville.

Nancy Yorlets, current Dairy Princess will crown her successor from among the following contestants: Carolyn Myers, 19, daughter of Mr. and Mrs. Richard L. Myers, Forge Road, Boiling Springs; and Tracy Potteiger, 19, daughter of Mr. and Mrs. Fred M. Potteiger, R8, Carlisle,

Carolyn is a 1981 graduate of Boiling Springs High School and is presently working on the family farm along with part-time employment at Wayne Noss Flowers in Boiling Springs. While in high school, some of Carolyn's activities included membership in the Boiling Springs Future Farmers of America and treasurer of the Conodoguinet 4-H Sheep Club. Carolyn is a member of St. John's Lutheran Church and serves as youth group leader.

Tracy is a 1982 graduate of Cumberland Valley High School and Kedron State High, Brisbane, Australia. She participated in the exchange program which enabled her to spend an additional senior year, from February to November, in Australia. While at Cumberland Valley, she was a member of both the ski and photography clubs. Tracy is an active volunteer ambulance attendant and an American Cancer Society volunteer. Her employment is concentrated mainly at the family farm at this time, but in June of 1984, Tracy hopes to return to Australia to visit and eventually go to flight attendant school.

Judges for the pageant will be Jack A. Robinette, a private feed nutritionalist from Hummelstown; Mrs. Charles Overman, wife of the general manager of Adams Electric Coop., and Robert Vinson, general manager of Farm Credit in York.

Master of ceremonies will be Scott Smith, a salesman for Squires Appliances. Several musical selections will be performed by the entergetic group "Sons of Smith." Door prizes will be awarded during the program, and dairy refreshments will be served following the contest.

Pageant Committee members are Roy Coover, general chairman; Robert Berkheimer, vice chairman; Donna Duncan, secretary; Wayne Cohick, treasurer; Peggy Foreman. coordinator; James and Linda Bear, judges; Margaret Smith, program and events; Sharon Cornman, flower and gift; Janice Yorlets, refreshments; Gretchen Naugle, publicity; and Paul Hornbaker, promotion.

Contestants in this year's Cumberland County Dairy Princess Contest are Carolyn Myers, left, and Tracy Potteiger, right. Center is Nancy Yorlets, former Cumberland Co. Dairy Princess.

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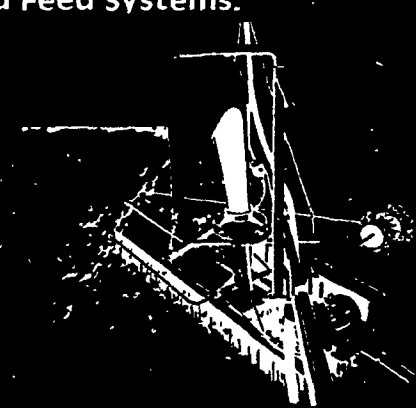

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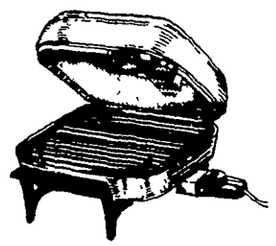
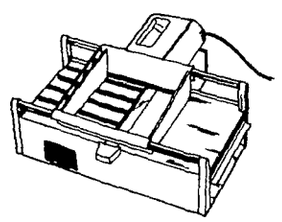
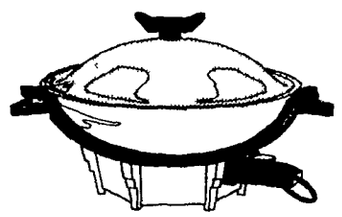


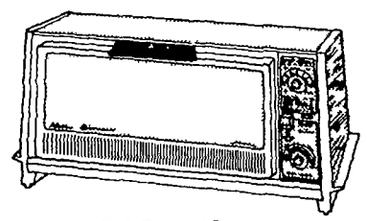
7. A Sunbeam Broiler Frypan #7-100



8. A Presto Cut Up Food Slicer #03810



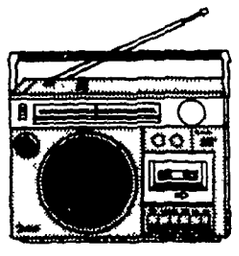
9. A Nordicware Electric Wok #85560



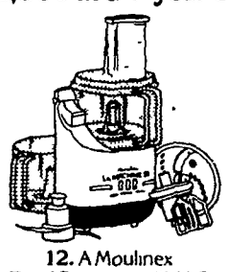
10. A General Electric Bake/Broil Electric Oven #T131B

Enjoy-it-now Reasons 11 to 15. Wonderful!

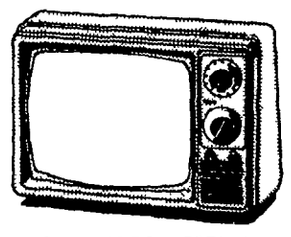
Invest $7,700 in a 2½-year certificate, $4,800 in a 4-year certificate, or $2,800 in a 7-year certificate, and select one of the following *wonderful* premiums:



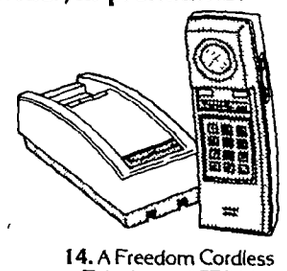
11. A 1983 Sony AM/FM Cassette-Corder #CFM-200



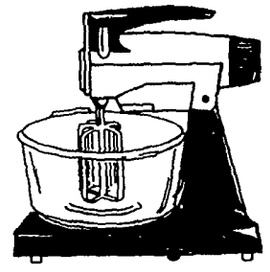
12. A Moulinex Food Processor #LM-3



13. A 1983 RCA 12" Black & White TV #AGR 121W



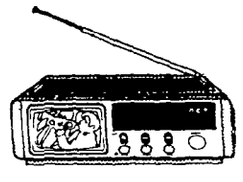
14. A Freedom Cordless Telephone #FF300



15. A Sunbeam Mix Master #701-118

Enjoy-it-now Reasons 16 to 22. Super!

Invest $16,900 in a 2½-year certificate, $10,600 in a 4-year certificate, or $6,000 in a 7-year certificate, and select one of the following *super* premiums:

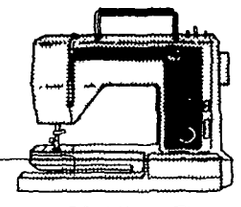


16. A 1983 RCA 5 Black and White TV with AM/FM #AGR056

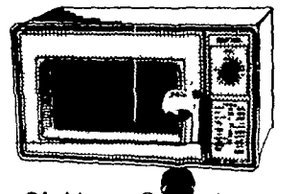
17. A 1983 Zenith Black and White TV with AM/FM #N052S

18. A Eureka Upright Vacuum #5060E

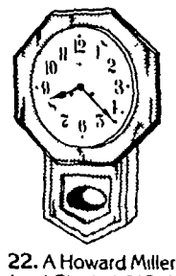
19. A Eureka 4hp Canister Vacuum #1784



20. A White Elna Sewing Machine #999



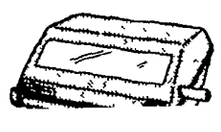
21. A Litton Go-Anywhere Microwave Oven #1420

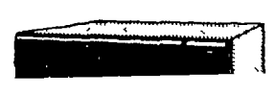


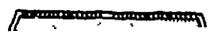
22. A Howard Miller School Clock #612-435

Enjoy-it-now Reasons 23 to 29. Fantastic!

Invest $40,000 in a 2½-year certificate, $25,000 in a 4-year certificate, or $15,000 in a 7-year certificate, and select one of the following *fantastic* premiums:







11. A 1983 Sony AM/FM Cassette-Corder #CFM-200

12. A Moulinex Food Processor #LM-3

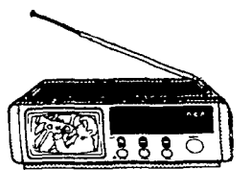
13. A 1983 RCA 12" Black & White TV #AGR 121W

14. A Freedom Cordless Telephone #FF300

15. A Sunbeam Mix Master #701-118

Enjoy-it-now Reasons 16 to 22. Super!

Invest $16,900 in a 2½-year certificate, $10,600 in a 4-year certificate, or $6,000 in a 7-year certificate, and select one of the following *super* premiums:

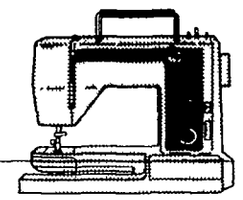


16. A 1983 RCA 5 Black and White TV with AM/FM #AGR056

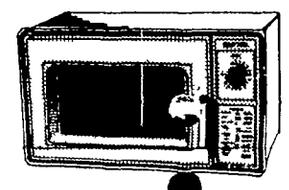
17. A 1983 Zenith Black and White TV with AM/FM #N052S

18. A Eureka Upright Vacuum #5060E

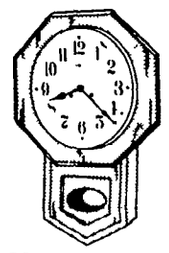
19. A Eureka 4hp Canister Vacuum #1784



20. A White Elna Sewing Machine #999



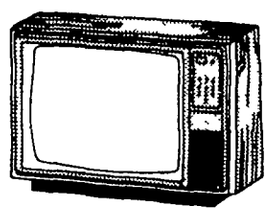
21. A Litton Go Anywhere Microwave Oven #1420



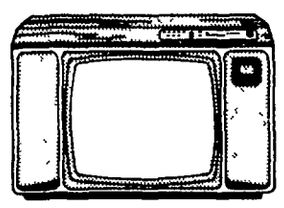
22. A Howard Miller School Clock #612-435

Enjoy-it-now Reasons 23 to 29. Fantastic!

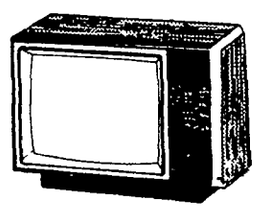
Invest $40,000 in a 2½-year certificate, $25,000 in a 4-year certificate, or $15,000 in a 7-year certificate, and select one of the following *fantastic* premiums:



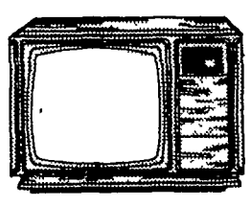
23. A 1983 RCA 19" ColorTrac TV #FGR465W



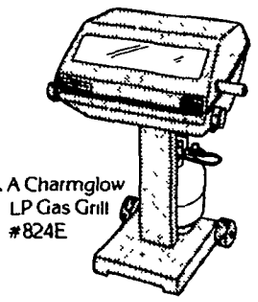
24. A 1983 Zenith 19" Color System III TV #Y1960W



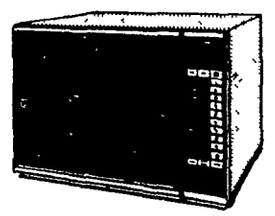
25. A 1983 RCA 13 ColorTrac Remote Control TV #EGR339FR



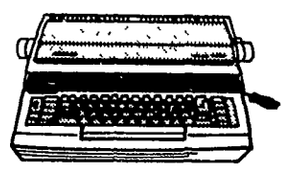
26. A 1983 Zenith 13 System III Remote Control Color TV #SY1323W



27. A Charmglow LP Gas Grill #824E



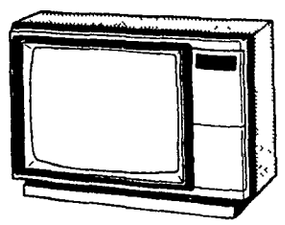
28. A 1983 Litton Microwave Oven #1052



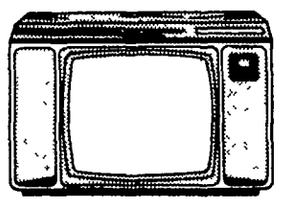
29. A Smith Corona Ultra Sonic Typewriter #1-EPA

Enjoy-it-now Reasons 30 to 35. Incredible!

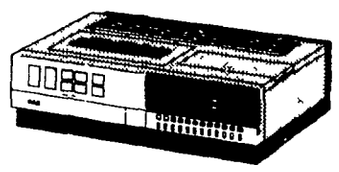
Invest $49,000 in a 2½-year certificate, $30,000 in a 4-year certificate, or $17,000 in a 7-year certificate, and select one of the following *incredible* premiums:



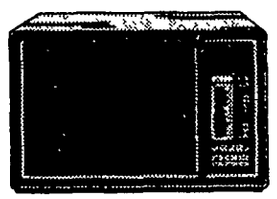
30. A 1983 RCA 19" ColorTrac Remote Control TV #FGR2002



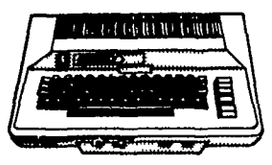
31. A 1983 Zenith 19" System III Remote Control TV #SY1961W



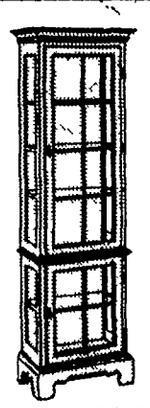
32. A 1984 RCA Video Cassette Recorder #VJT250



33. A 1983 Litton Countertop Microwave #1590



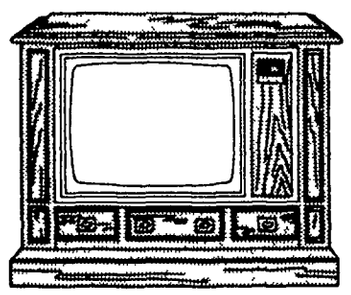
34. A 1983 Atari Home Computer #800



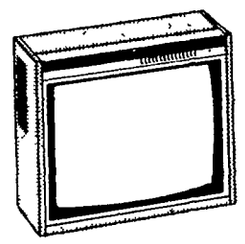
35. A Superior Solid Cherry Curio Cabinet #1623

Enjoy-it-now Reasons 36 to 40. A Dream Come True!

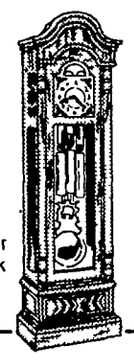
Invest $78,000 in a 2½-year certificate, $49,000 in a 4-year certificate, or $28,000 in a 7-year certificate, and select one of the following *"dream come true"* premiums:



36. A 1983 Zenith 25" System III Color Console #SY2523NE

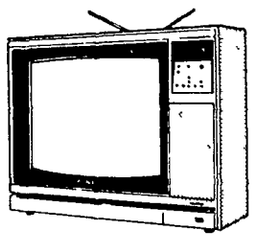


37. A 1983 RCA 25 ColorTrac Remote Control TV #FGR2020W



38. A Howard Miller Grandfather Clock #610-110

39. A Trend Grandfather Clock #909-1-AN



40. A Sony 19" Trinitron Remote Control TV #KV1952RS

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*Federal regulations require a substantial penalty for early withdrawal of time deposits

** The cost of the premium will be reported on IRS Form 1099 for tax purposes

All merchandise is subject to availability. (Offer may be altered or discontinued at any time without notice.) Some items require assembly. All premiums are covered by manufacturers' warranties and are the sole responsibility of the manufacturers. Please allow 4 to 6 weeks for home delivery

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National FFA president to attend Activities Week

Opens at Penn State Tuesday

UNIVERSITY PARK — Winners of 23 Pennsylvania FFA contests will be selected during the annual FFA Activities Week to be held Tuesday through Thursday at Penn State. Some 315 winners will be announced at a final general session in Eisenhower Auditorium Thursday at 9 a.m. Contests will include production agriculture, agricultural business, agricultural mechanics, horticulture, and forestry.

National FFA president, Ms. Jan Eberly of Fallbrook, Cal., will present the keynote address at the opening general session in Eisenhower Auditorium Tuesday at 8 p.m. Included in the evening program will be Jerry C. Olson, Director of Vocational Education, Pennsylvania Department of Education.

Michael H. Chaplin, Assistant Dean of the College of Agriculture, will welcome delegates at the evening general session Tuesday. Three state FFA public speaking winners will be announced at the second general session Wednesday evening.

The Pennsylvania FFA Chorus, directed by Zachary L. Zembower of the Bald Eagle Area High School faculty, will give concerts at general sessions each evening. The State FFA president, Michael F. Dilliard of Spring Mills, and 10 fellow officers, will conduct daily business meetings of the FFA Association.

FFA Activities Week will feature a variety of educational programs emphasizing modern technology. Included will be workshops demonstrating infrared forage analysis techniques developed at Penn State. FFA members will be able to use microcomputers to formulate feed rations and to analyze various enterprises. Horticulturists will demonstrate the latest developments in the floral retail trade.

(Turn to Page B21)

Steve Main

Main gets top award

MILLERSVILLE — Steve Main, son of Mr. and Mrs. Howard S. Main, of Lancaster, was recently named winner of the 1982 DeKalb Agricultural Accomplishment Award. The award, sponsored nationwide by DeKalb AgResearch Inc., is presented to the senior agriculture student attaining the highest degree of proficiency in scholarship, leadership and a supervised agricultural program.

Main attends Penn Manor High School, where he has been corresponding secretary, treasurer, president of the FFA chapter, and president of his church youth group.

His agricultural program consists of steers, hogs and tobacco.

Following graduation, he plans to remain in farming.

As this year's DeKalb Agricultural Accomplishment Award winner, Main receives a pin and certificate, and his name will be inscribed on a special plaque displayed in the main lobby at Penn Manor High School.

Manor chapter holds Farm-City event

MILLERSVILLE — The Manor FFA Chapter held its annual Farm City Week Program at the farm of J. Robert Musser in Millersville on May 19.

The program, which was organized and run by members of the chapter, was to promote a better understanding of agriculture to the non-farming community.

Sixty kindergarten students from Landisville Elementary were bused to the Musser farm for the program, which began at 10 a.m. First on the agenda was a film that traced the makings of a cheeseburger from the farm to the consumer.

The students were then given an opportunity to look, touch and learn about different farm animals, such as cows, calves, steers, ponies, rabbits, kittens, puppies, pigs and various types of fowl. Then the students ate their packed lunches and helped make homemade ice cream, which they also ate. After lunch they played games and then returned to school.

Kutztown elections

KUTZTOWN — The Kutztown Future Farmers of America recently held its annual election of officers.

Terry Wisser, Lenhartsville R1, was elected the new chapter president. Dawn Heiter, R1 Lenhartsville, is vice president; Kari Bitting, Lenhartsville R2, secretary; Jennifer Siedel, Maxatawny, treasurer; Joanne Kunkel, Kutztown R2, reporter; Timmy Hartline, Bowers, sentinel; Ray Kamp, Kempton R2, chaplin, Karen Rabenold, Kutztown R2, historian; Tammy Miller, Kutztown R3, student advisor.

Jan Eberly, National FFA president.

Berks County FFA officers

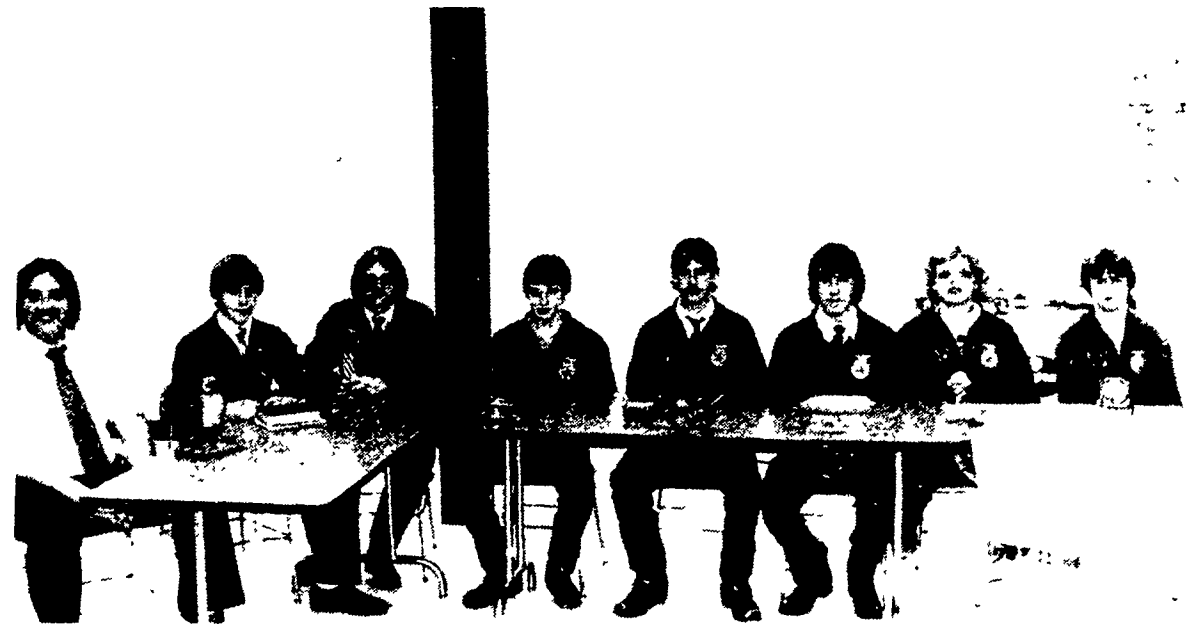
ELVERSON — Recently the Berks County Chapter of the FFA elected 1983-84 officers. Two Twin Valley members were chosen to serve on this team. Mary McMullen, 16-year-old daughter of Mr. and Mrs. Fred McMullen, of Elverson, was elected County Secretary. In the past McMullen has been an active FFA member. She has participated in livestock and horse judging, serves as committee chairman for Food For America, and has participated in General Public Speaking where she placed 6th. McMullen was also a member of the Chapter Parlimentary Procedure team which placed 3rd in Berks County. This year she will serve as chapter Reporter.

Carol Kurtz, 17-year-old daughter of Mr. and Mrs. Calvin Kurtz of Elverson was elected County Parlimentarian. She is an active member of the FFA and 4-H clubs. She has participated in horse judging, Parlimentary Procedure, and Conservation speaking were she placed 2nd in the County. She was recently elected Secretary of the Twin Valley FFA Chapter. She has done Radio interviews, served on several committees.

Other offices chosen were, President, Jim Heffner, Oley: Vice President Charles Seidle, Hamburg: Treasurer, Terry Wisser, Kutztown: Reporter, Troy Cox, Tulpehocken: Sentivel, Dean Willman, Oley: Chaplain, Leu Moyer, Conrad Weiser: and the student advisor is Harold Deitrich, Hamburg.

Pequea Valley Chapter installs new officers

Gavel of presidency of Pequea Valley FFA Chapter is passed from Eric Wanner, left, retiring president, to Bob Buohl, new head.



New officers of the Pequea Valley FFA with Clair Witwer, advisor, include from the left, Randy Groff, chaplain; Greg Kauffman, reporter; Jerry Feister, vice president; Bob Buohl, president; Ron Groff, secretary; John Hoffman, treasurer; and Ed McQueen, sentinel. Second officers, not shown, are Frank Hartley, vice president; Bryan Stoltzfus, secretary; Mike Hershey, treasurer; Brian Sweigart, reporter; and Blaine Stoltzfus, sentinel.

Three vie for Perry Dairy crown

MILLERSTOWN — Four girls will vie for the title of Perry County Dairy Princess, June 18, at the Newport Fairgrounds in conjunction with the Perry County Heritage Day.

The reigning dairy princess, Kimberly Kriebel, recently hosted an informal ice cream social for the contestants and their mothers. There, the girls were informed of a dairy princess' responsibilities. The dairy princess will serve a one-year term as an official representative of Perry County's dairy industry, making presentations at schools, supermarkets, parades, fairs, and other local, regional, and state events. The candidates will be judged on their appearance, poise, personality, speaking ability, and knowledge of the dairy industry.

The four contestants are:

Patti L. Dum, 18, daughter of Mr. and Mrs. Donald L. Dum, R1 Elliottsburg, is a 1982 graduate of West Perry High School. She has completed one year at Harrisburg Area Community College where her major course of study is banking/finance. There, she is a member of Phi Beta Lambda.

While in high school, Miss Dum was active in concert band, marching band (vice president), county band, National Honor Society (treasurer), health careers club, school play, chorus, county chorus, regional honors choir, foreign language club, student council, radio club, yearbook, and intramurals. Miss Dum was also West Perry's Miss Christmas Seal for 1981.

A member of the Perry County Junior Holstein Club, Miss Dum has also completed project work in the Perry County 4-H Dairy Club, 4-H Goat Club, and a local 4-H Sewing Club. Miss Dum attends Messiah Lutheran Church where she is active on the church volleyball team.

Roxanne Lea Gabel, 20, is the daughter of Mr. and Mrs. Robert T. Gabel, R1 Newport. A 1980 graduate of Newport High School, she is currently employed as a clerk-typist at the Mechanicsburg Defense Depot.

Miss Gabel's high school activities included: chorus, county chorus, school musical, color guard, student council, yearbook (co-editor), and National Honor Society. Her community activities include: past worthy advisor, Perry Assembly #171 Order of Rainbow for Girls, past royal patron, Towpath Court #138 Order of Amaranth, Oliver Grange #1069 (treasurer), Pomona Grange #69, and Pennsylvania State Grange.

Miss Gabel has completed 10 years of 4-H project work with the Perry County Cantaloupe Club, Dairy Club, and Wila Community Club. She is a member of the Perry County Junior Holstein Club also. Miss Gabel is a member of Wila United Methodist Church, where she serves as church pianist, Sunday School teacher, and youth fellowship coordinator.

Brenda Sue Hummel, 16, daughter of Mr. and Mrs. Frank Hummel, R3 Duncannon, is a junior at Susquenita High School and plans to pursue a dairy science degree at an agricultural college. Miss Hummel is involved in Future Business Leaders of America and Leo Club.

A member of both the Perry County Junior Holstein Club and National Ayrshire Association, she is currently the social chairman for the Perry County 4-H Dairy Club. Miss Hummel attends Christ United Church of Christ.

Melinda Innerst, 19, is the daughter of Mr. and Mrs. Jacob Innerst, R1 Ickesburg. A 1981 graduate of Red Lion High School, she is currently employed on her parents' dairy farm. While in high school, Miss Innerst was very active in Future Farmers of America, serving on numerous committees and holding offices of both parliamentarian and secretary of her chapter. A past F.F.A. Chapter Sweetheart, Miss Innerst has competed in county and state F.F.A. contests including project book, dairy judging, land judging, and dairy products judging.

A member of the Ickesburg Ladies Auxiliary, Miss Innerst also attends Saville Brethren in Christ Church where she is a bible study teacher and a member of both the church youth group and volleyball team.

Judges for the contest are Joyce Bupp, Seven Valleys, a partner in Bupplyn Farms and Lancaster Farming correspondent: Kathy King, Delta, a partner in Kingway Farms and a Pennsylvania delegate to the National Holstein Convention; and Lynn Tilton, the senior editor of Pennsylvania Farmer magazine.

REAL®

National FFA president

(Continued from Page B20)

Entertainment during evening general sessions will be provided by the Allegheny String Band and Richard Hazley, hypnotist.

National FFA president Jan Eberly is a member of the Fallbrook FFA Chapter, Jan served as secretary, vice-president, and president before her election to federation and state president. She was an outstanding member of her chapter being chosen as Leader, Scholar, Star Greenhand, and Star Chapter Farmer. In public speaking, she placed first in prepared and runner-up in extemporaneous, both at the state level. She was also named runner-up in the national Nursery/Landscape Judging contest.

Jan's SOEP included an ornamental horticulture enterprise which consisted of 600 containers and a breeding/market swine enterprise of 15 head. She has taken a one-year leave from her studies at the University of California where she is a Regents Scholar and an agricultural economics major. After graduation, Jan plans to obtain a law degree and set up a practice specializing in ag law.

Jan is the third national officer from the 1982-1983 national team to visit Pennsylvania. While in Pa., she will address the entire convention and meet with many of our FFA members.

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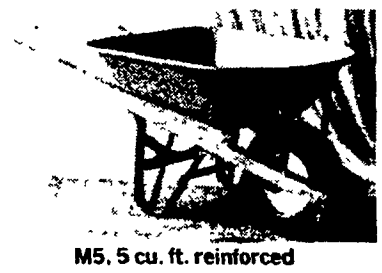
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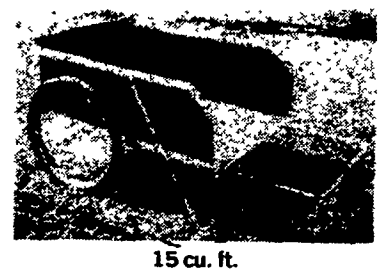
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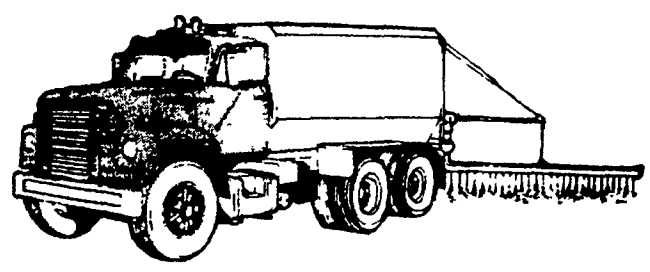

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Stahlman wins N.W. Maple Sugar Queen title

BY NANCY KUNICK
Staff Correspondent

WATERFORD — The annual Northwestern Maple Queen Contest and Banquet, held recently at the Log Cabin Restaurant in Erie County, attracted fifty persons.

The highlight of the evening was the crowning of the new Pa. Northwestern Maple Sugar Queen, Deanne Stalhman of Reno. She is the 17-year-old daughter of Gary Stalhman of Venango County. She is a 1983 graduate of Rocky Grove High School where she was active in band, choir, cross country and library activities. She presently is employed part time at Riverside Markets and plans to attend Clarion University (formerly Clarion State College) to major in business administration.

Deanne met the eligibility requirements for the contest by completing her junior year in high school, being single and having an interest and knowledge of the maple sugar industry.

As a contestant, Deanne was required to give a 3-5 minute presentation about herself and her reasons for wanting to be the Maple Sugar Queen. Deanne mentioned at the conclusion of her speech that she would like to "spread the sweetness of maple syrup to everyone."

Deanne was named after being interviewed throughout dinner by three judges. They included Karen Kardosh, maple producer from Conneautville; Ray Kennerknecht, county agent from Penn State Extension in Meadville; and Ron Kerr, agricultural loan officer of Pennbank from Titusville. Ron Kerr announced the new queen as being a "qualified, intelligent young lady."

Deanne was presented with a beautiful bouquet of red roses an other gifts while being crowned by outgoing Northwestern Queen Kim Walberg.

Deannes' duties as queen will include appearing in parades, working in maple producer's booths at local fairs and festivals, and competing in the state contest.

The Northwest Maple Producer's Assoc. is proud to boast that their 1982 Maple Sugar Queen went on to claim the state title last September. Kim Walberg, a sophomore majoring in nursing at Edinboro State College, was on hand to relate her activities. She noted that "The Farm Show was the best experience," she had. There, she handed out maple sugar samples and presented a basket filled with sweet goodness to Governor Richard Thornburgh.

Kim will reign as Pennsylvania Maple Sugar Queen until September when the state contest will be held in Erie County. Deanne will then vie for the state title.

The N.W. Assoc. is making plans for the two-day event to be held in this area for the first time in five years. Vice president of the association, Bernard Tobin, explained there would be tours of sugar operations and other points of interest. The Corrian Hotel in Corry, Pa., will be the site on Sept. 23 and 24 of the state pageant.

York Co. plans food preservation classes

YORK — Are you planning to can, freeze, dry or pickle fruits and vegetables this summer? Are you using hand-me-down recipes and are you careful to use the latest up to date safe food preservation methods?

The York County Cooperative Extension Service is offering several classes on safe food preservation methods. There is even a class for first time canners. The following classes are planned.

Freezing Technique will be held June 16, 10-noon at the Pleasant Acres Meeting Room; June 15, 10-noon at the Red Land Community Center and June 21, 10-noon at the Hanover Y.W.C.A. Participants will find out why and how to blanch vegetables, how to keep fruits colorful and what packaging materials are best.

First Time Canners-June 30, 9:30-12:30 p.m. at the Pleasant Acres Meeting Room. Participants will actually get hands-on experience in using a pressure canner and boiling water bath canner.

Canning Techniques-June 22, 10 till noon at the Red Land Community Center. June 28, 10 till noon at the Hanover Y.W.C.A. The most up-to-date canning methods for fruits and vegetables will be presented. Also have the dial gauge of your pressure canner tested. Just bring the lid.

Drying Foods and Pickling-August 4, 9:30 till noon at the Pleasant Acres Meeting Room. You will learn how to dry your own fruits & vegetables and how to make crispy, crunchy pickles.

Food Preservation Update-June 29, 9:30 till noon at the Pleasant Acres Meeting Room. This class will cover a potpourri of current recommendations for freezing, canning, drying, pickling, and making jellies. You can also have the dial gauge of your pressure canner tested for accuracy. Just bring the lid.

Pressure Canner Lids Tested-Pressure canners with dial gauges should be tested yearly. It takes only a minute and only the lid is needed. Call the Extension Office for an appointment.

To register for any of the above classes, call the place they are being held or the York County Extension Office.

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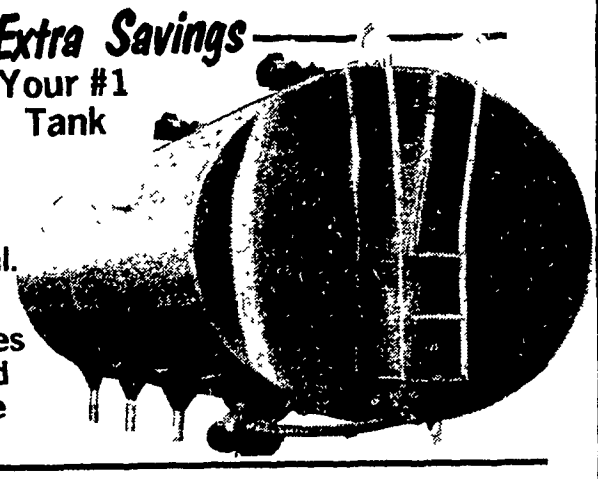

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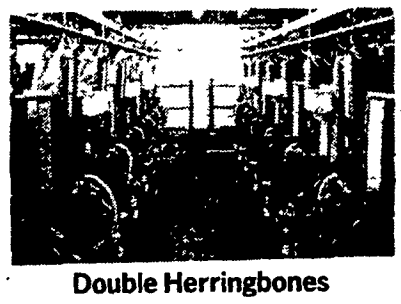
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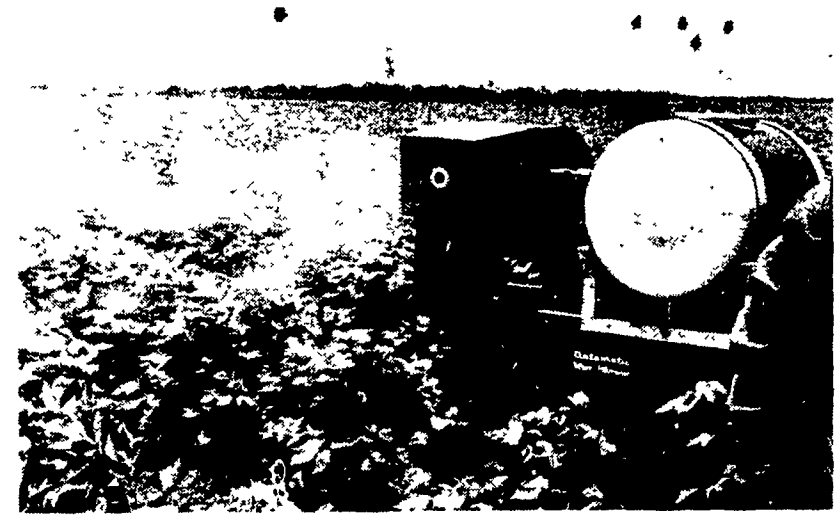

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Ida's Notebook

Ida Risser

There are two things in this modern world that I think we would all have a difficult time doing without for any period of time. One of these is electricity and the other is the telephone.

The first years that we spent down here on the farm, we did not have a telephone. Everytime that we needed a phone we got in the car and drove over a mile to the nearest garage. Sometimes when I was expecting a baby, it worried me a bit as often my husband was away helping his relatives on their farms at the other end of the county. The doctor told me to jump in the car and drive myself to the hospital if I happended to be along. However, sometimes not even a car was available. But I guess I was lucky as my babies weighed nine, ten and eleven pounds, and didn't arrive in a hurry.

Finally in the 1950s we felt that we could afford to pay the several hundred dollars that the telephone company was asking to install poles along the road to our house. Then we found that we were one of ten parties on the line. Some of the folks lived miles away and we had to take turns using the line. The outcome of all this is that only now have we finally resorted to getting a private line. It surely is nice as now we can discuss health, money or whatever with our far-flung family.

Even electricity being shut off can throw a farm family into a turmoil. How to milk the cows, cook a meal, water the livestock or most anything is a problem. Of course, we still know how to start a wood fire in the stove, sew with a needle, or sweep with a broom but who wants to live like that all the time? Long ago we had a pump and trough in the lower corner of the yard but now the milk company requires a sealed well. And so we are dependent on others to maintain our way of life.

Berks Co. holds 4-H communications night

LEESPORT — Twelve Berks County 4-H members participated in the annual 4-H Communications competition. The event highlights 4-H member's projects through demonstrations and public speeches.

Held in the Berks County Agricultural Center, the competition is a qualifying event for Regional 4-H Days Communications competition for the Juniors, and State Achievement Days at Penn State University for the Seniors.

The participants, their topics, and awards were:

JUNIOR ACHIEVEMENTS

Michelle Wojszwillo, Leesport Club - "My Sewing Box," Red Ribbon; Tammy Balthaser, Western Berks Dairy Club - "Getting Your Calf Ready for Show," Red Ribbon; Carrie Brahmstadt, Seeing Eye Puppy Club - "Training My Seeing Eye Puppy," Red Ribbon; David Brahmstadt, Seeing Eye Puppy Club - "Bits & Hackamores," White Ribbon; Troy Koenig, Western Berks Dairy - "Sire Summary of Bulls," White Ribbon.

JUNIOR SPEECHES

Marianne Yanos, Amityville Club - "My Southdowns" (sheep), Blue Ribbon; Sheila Newhard, Leesport Club - "Why Kids Get Grey Hair," Blue Ribbon; Jill Youse, Seeing Eye Puppy Club - "My Seeing Eye Puppy Project," Red Ribbon; Marcia Sonnon, Tilden Club - "What is a 4-H Club," Red Ribbon.

SENIOR DEMONSTRATIONS

Kirk Fisher, Beef Club - "Preparing a Beef Animal for Show," Blue Ribbon; Debbie Price, Eastern Berks Dairy - "Natures Most Perfect Food - Milk," Blue Ribbon.

SENIOR SPEECHES

Mark Price, 4-H Poultry Club - "E.T. - Embryo Transplants," Red Ribbon.

The judging panel for the evening consisted of Helen Seidel and Cathy Yanos, former 4-H members and current 4-H leaders, and Rick Kauffman, Berks County 4-H coordinator.

ELBA crowns first queen

COLUMBUS, Ohio — Jean Ann Schott, the first Eastern Limousin Breeders Association Queen, was crowned at the ELBA annual dinner meeting, May 6, at the Ramada Inn North, here.

The 19-year-old queen is the daughter of Mr. and Mrs. Vernon Schott, Riverview Farms, Bolivar, Ohio. She is a pharmacy student at Ohio State University.

Queen Jean Ann was presented a tiara and bouquet of red roses by the ELBA. Her leather queen banner was sponsored by Cumberland Cattle Co., Bethpage, Tenn. and she was presented a silver tray sponsored by Worrell Land and Cattle Co., Charlottesville, Va. She will represent the ELBA at all official functions and will compete in the national queen contest in Denver in January, 1984. Her attendants are her sister, Christine Schott, and Kelly Long, daughter of Mr. and Mrs. Jim Fawley of Lynchburg, Ohio.

Jean Ann Schott

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SALE PRICE
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7 H.P.
LIST PRICE
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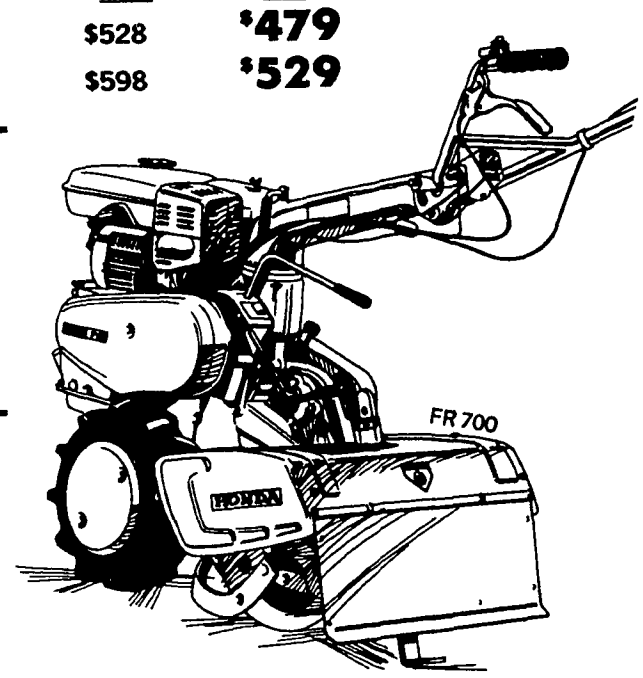

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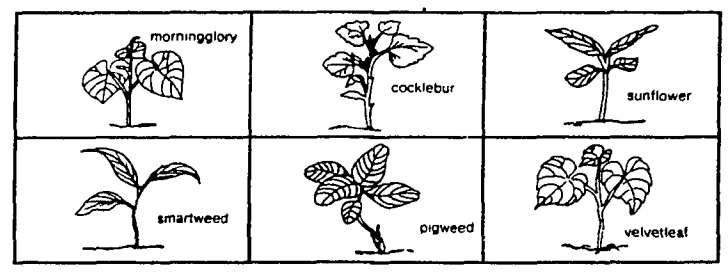

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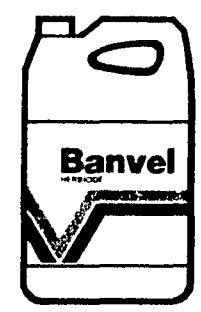

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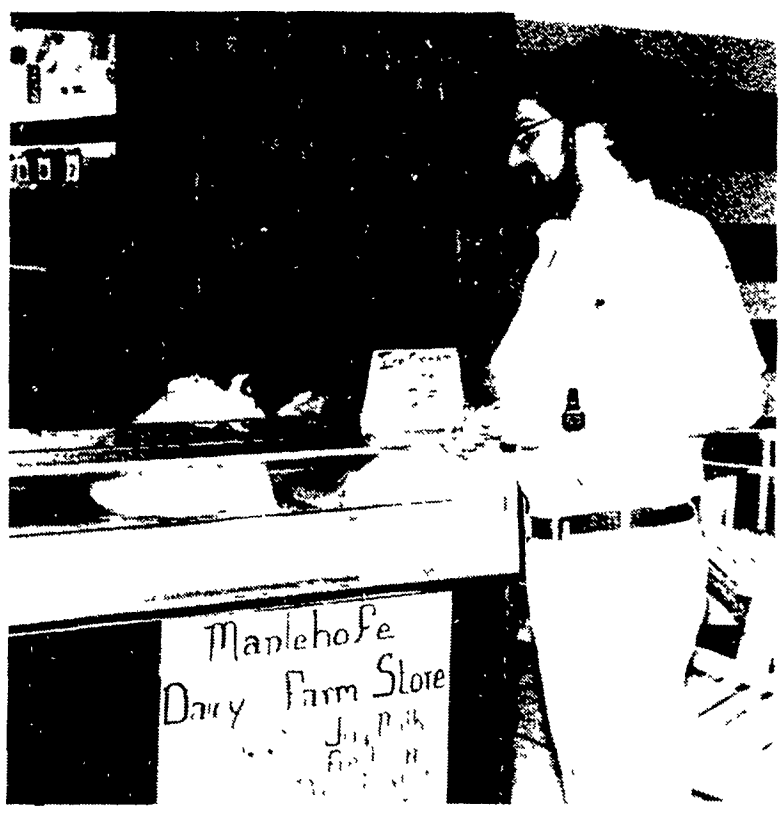

No dairy promotion is complete without ice cream. Here Denise Glick from Maplehofe Dairy Farm Store dips a cone of the cool treat for customer Jay Traverso from Baltimore. The cost of the cone? Only 25 cents a scoop.

Must be a city boy trying to get milk from this Holstein cow! The mammoth cow belongs to Turkey Hill Farms Stores and was parked along Route 30 at the East Towne Mall, Lancaster.

Phillips Lancaster County Swiss Cheese Company was on hand to distribute cheese at the Mall promotion. Customers had their choice of crackers, brochures, and, of course, cheese.

Taylor to experience the Dutch life

HARRISBURG — Imagine spending part of your summer harvesting grapes in France or skiing the Alps of Switzerland or learning the limbo in the Caribbean. 4-H'ers don't have to imagine these things because they do them and more through the International 4-H Youth Exchange.

Tina M. Taylor of R2, Elizabethtown, has been selected as an IFYE representative to the Netherlands. The six-month program (June 14-December 7; will offer an opportunity to participate in 4-H activities abroad, improve language skills, improve international awareness and develop special study interests.

The program began in 1948 to promote international understanding and to develop better informed young leaders. IFYE participants live with different families in the country. Taylor will become a part of the family and join in the work and play as any other family member would. This arrangement will give her a deeper understanding of the local culture.

The IFYE program is sponsored by the Pennsylvania State University Extension Service, the Pennsylvania Friends of 4-H and the National 4-H Council. Also, local agricultural organizations, businesses, and 4-H clubs were instrumental in supporting Taylor's trip.

Tina Taylor

Taylor raised beef and sheep in her eleven-year Dauphin County 4-H career. She was a state 4-H leadership winner and attended National 4-H Congress in 1980. Presently, she is a leader in Dauphin County's 4-H Clown Club.

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Farm Women Societies

Lancaster Co. Society 5

Lancaster Society 5 met at the home of Pauline Longenecker of Manheim, recently, for a safety program.

The program, conducted by state patrolman Romaine Engle, included a film about the importance of using seat belts, entitled, "Room to Live."

Members voted to visit the captial on June 28. Included on the tour will be the capitol building, the governor's mansion and the William Penn Museum.

The next meeting will be held at the home of Florence Herdwig on June 25.

Lancaster Co. Society 10

Lancaster Society 10 met at the home of Mrs. William Gettle, recently, to learn the art of fruit and vegetable drying.

Members are planning a bus trip this October.

The July meeting will be held at the home of the president in East Petersburg.

Lancaster Co. Society 11

Lancaster Farm Women 11 met recently at the home of Dorothy Boas to hear Mrs. Taylor discuss the Visiting Nurses Association's home care program.

Four members of the Society sewed at Lancaster General Hospital on May 11.

Members voted to donate money to the Lancaster County Dairy Princess Contest.

Dorothy Adsitt was admitted as a new member to the Society.

Berks Co. Society 7

Berks Society 7 held a white elephant sale and a bake sale at the home of Dorothy Strickler, R1 Robesonia, recently.

Members Grace Deitz, Lillian Grajewski and Grace Bare will help at the Berks Heim picnic on June 12.

Harriet Gelsinger, members of Society 7, will be on the nominating committee for the county convention on Oct. 1.

The next meting will be a safety program on June 29 at the home of Pat McKinney, R1 Robesonia.

Lancaster Co. Society 26

Lancaster Society 26 met for a dinner and a tour of the Association for the Blind in Lancaster.

The next meeting will be held at Indian Springs, on June 23, and will feature miniature golf.

F.W.S. Calendar

Saturday, June 11
Lancaster Society 25 meets for a gift exchange
Lancaster Society 2 meets for a Shaklee Demonstration
Lancaster Society 19 meets at the Lititz Church of the Brethren

Sunday, June 12
Lancaster Society 32 meets for a family picnic with Joyce Risser

Monday, June 13
Lancaster Society 7 meets at the home of Sylvia Martin

Tuesday, June 14
Lancaster Society 22 meets to hear speaker Judy Zodet

Thursday, June 16
Lancaster Society 15 meets to entertain Societies 8 and 20, and county officers
Lancaster Society 5 meets at Conestoga View with Society 4

Saturday, June 18
Lancaster Society 3 meets to see a film shown by June Uhler
Lancaster Society 8 meets with Grace Bixler

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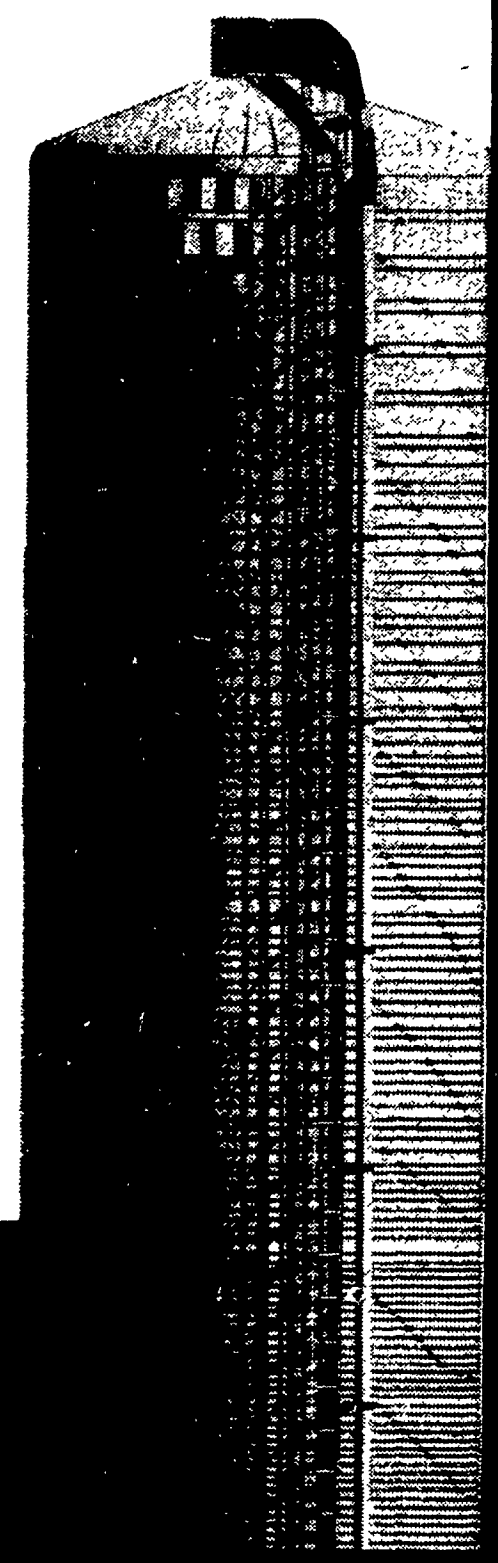

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Cumberland Co. holds fitting workshop

Smithdale Farms in Shippensburg was the site of a dairy fitting and showing workshop, recently, featuring hoof trimming and fitting a calf. Here are, from left, participants Carla Snoke, Melissa Masland, and Fred Hoch.

From left, Tedd Hoch, Jennifer Reasner, and Darlene Coover practice the fitting skills they learned at Cumberland Co.'s fitting demonstration.

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Farm Talk

by

Jerry Webb

Delaware Extension

WHERE'S THE ACTION

The loss of farmland is certainly on the national agenda as one of the major problems facing American agriculture. But beyond that, who's doing anything about it? Oh sure, there are some meetings and discussions going on. And governmental agencies and farm organizations say they're pledged to the principle of preserving farmland. But where's the action? Who's really helping the farmer hang on to his land? Who's helping him battle the big guys who are closing in on him? Who's giving him support, financial assistance, or whatever else it takes to keep the bulldozers away from the gate?

There is a group in North Carolina that has organized for the sole purpose of helping small farmers keep their land. It's called the Land Loss Prevention Project. It's a coalition of organizations, including extension personnel, the North Carolina Association of Black Lawyers, North Carolina Central University's law school, and some other organizations.

The main purpose of the Land Loss Prevention Project is to provide legal assistance to small farmers and other limited resource landowners who are in danger of losing their land. This effort goes beyond meetings and discussions. Although it plans clinics, seminars and special educational efforts, it also intends to develop a network of private attorneys who will represent limited resource landowners at reduced rates, or for free. Once it's fully operational, the project would in effect serve as a legal aid unit for the embattled landowner. A place where he could get expert help with the many legal problems that might arise.

Land Loss Clinic

The project is funded by a $70,000 grant from the Legal Services of North Carolina, Inc. It also counts heavily on volunteer services from the legal profession.

An important part of the project is the Land Loss Clinic, operating at North Carolina Central University. It will serve as a mechanism to expose students from a number of North Carolina law schools to land loss prevention practices. Volunteer law students who will be staffing the clinic will provide research and other technical backup for attorneys working on actual land cases.

The project also has a community education unit which has already conducted educational programs and cosponsored a number of forums during Land Loss Prevention Week this past February.

The Land Loss Prevention Project is committed to helping all limited resource landowners, but it will focust primarily on black landowners because "that's where the land loss problem is most acute and its ramifications most serious," according to a project spokesman. Government-compiled information shows the rate of decline of black operated farm over the last decade to be two-and-a-half times that for white operated farms. "At the current rate of loss, there will be fewer than 10,000 black farmers in the United States at the end of the next decade," according to the spokesman.

Where to write

Maybe there's not a lot this effort can do to halt the awesome power of eminent domain, or to stop a land developer with a pocketful of money from buying up good farmland. But at least it can equip small landowners with the information and legal assistance needed to make a fight. And in some instances, I'm sure that will be enough to turn the tide in favor of farmers who want to keep their land.

Eminent domain has been thwarted before by farmers. In many instances, it's been a delaying action, but a useful one. And in some cases grandiose government projects have been killed completely by a well organized group of farmers who wanted to keep their land.

Farmers interested in this project, or who face the prospects of land loss, might write for a publication call "Ten Ways to Save Your Land." Contact Dolores Faifon, attorney coordinator, Land Loss Prevention Project, North Carolina Central University School of Law, P.O. Box 179, Durham, North Carolina 27707.

AFBF answers "Who gets your food dollar?"

CAMP HILL — Of each dollar spent on food in a supermarket or restaurant in 1982, the farmer who produced that food received, on the average, only 28 cents, reports the American Farm Bureau Federation.

A new pamphlet entitled "Who Gets Your Food Dollar?" produced by the AFBF information division, shows that another 32 cents of each food dollar goes for labor costs. The remaining 40 cents is divided among providers of many other marketing costs from packaging to profit, said Sue Palmore, AFBF director of consumer affairs.

Based on U.S. government data, the pamphlet shows the great deal of variation between different types of commodities when retail prices and farm values are compared. For example, commodities in the meat food group just about double in value between the farm and the retailer's shelf.

Eggs, on the other hand, have a much narrower spread between farm value and retail price. In 1982 eggs that averaged 88.5 cents a dozen at retail, had a farm value of 53.1 cents, Palmore noted.

Milk, with a retail value of around $1.12 per half gallon in 1982 compared to a farm value of about 58 cents, or about the same ratio as meat, but had much higher processing and wholesaling costs and a much lower markup by the retailer than meats.

The lowest return to the farmer, among the examples cites in the brochure, was for the ingredients in bread with the wheat and other ingredients worth only a nickel to the producer, while the one pound loaf cost the average consumer 53 cents. The other 48 cents in the price of bread, more than 90 percent of its total retail cost, goes to people who provide such services as assembly, processing, transportation and wholesaling.

If a pie chart, the brochure divides the mythical food dollar with 28 cents as the farm value and 72 cents called the marketing bill. Thirty-two cents of that bill is for labor, eight cents goes for packaging, five for transportation, 4.5 cents each for rent and depreciation and before-tax profits. Fuels and electricity take another four cents, advertising and interest charges two cents each and repairs account for 1.5 cents of the dollar.

The final 8.5 cents are for other costs, which Palmore said include property taxes and insurance, accounting and professional services, promotion, bad debts and many miscellaneous items.

Liming neutralizes acidity

Lancaster — What is the main reason for liming soils? It is not just to supply calcium for crops. The main reason for liming soils is to neutralize excessive soil acidity.

According to Mary Meyer, Delaware County Extension horticulturist, limestones are a mixture of calcium and carbonate. Some limestones also contain magnesium and are called dolmitic limestones. Meyer emphasizes that the carbonates in limestone neutralize soil acidity, not the calcium or the magnesium. Limestones are applied because they are carbonates.

Other carbonates will neutralize acidity. Sodium and potassium carbonates are common remedies for stomach acidity. These products would also neutralize soil acidity, but would be very expensive. Also, excessive applications of sodium and potassium could cause soil and crop growth problems.

While other carbonates will neutralize acidity, other calcium compounds will not. Calcium chloride, road salt and calcium sulfate will supply calcium, but they will not neutralize acidity. In addition, the calcium and magnesium in limestones are also beneficial to crops in many ways. Thus, liming soils provides a fringe benefit by neutralizing soil acidity and fertilizing the soil with calcium. In using a dolomitic limestone, magnesium can also be introduced into the soil.

By far, aglime is the most cost-effective method available to correct acid soil, while also providing organic material necessary for proper plant growth.

Wet weather causes flood of basement problems

This spring's heavy rains and accompanying high water tables have caused an epidemic of wet basements in Chester County, according to Tim Smail of the U.S.D.A. Soil Conservation Service (SCS) office in West Chester.

"Requests for our assistance with wet basements have doubled or tripled since the spring thaw," said Mr. Smail. "Apparently, there are still homebuyers out there who do not know what to look for to avoid buying a home with this problem. And, there are still builders who do not know how to overcome the potential for wetness in basements."

According to the SCS there are three main causes for wet basements—runoff from neighboring land, roof runoff and ground water. The lawn should be graded to slope away from all sides of the house, and eavestroughs and downspouts should be installed to direct roof runoff away from the house. "If you still have a wet basement," says Mr. Smail, "then foundation drains are probably the answer." He continued, "It is unfortunate that all builders do not install footer drains around all basements on any soil that is classified as less than well drained. Drains can be installed so much easier and at much less cost during construction. Not only does it cost more to re-dig after foundation excavations have been back filled, but after a homeowner spends a couple of years nursing along his lawn and shrubs, he is often reluctant to dig up that prized lawn and plantings to install the drains his basement needs."

"So, even if he is convinced that exterior footer drains are the best solution, the homeowner will often opt for interior drains with a sump pump. Installation costs are similar for either system, but operating costs are higher for sump systems. Exterior footer drains have no operating costs, and they keep the water outside of the basement where it belongs."

Soil maps and drainage information are available free of charge from the Chester County Conservation District office or the Soil Conservation Service office. Both are located at 235 West Market Square, Dague Bldg., West Chester, PA.

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Cheeses named for places, people, processes

LANCASTER — Cheddar cheese was named after the little town of Cheddar, England.

Limburger cheese was first made in Limburg, Belgium, not Germany, as many suppose.

Brie originated in the Pays de Brie, a dairy region just south and east of Paris, France.

But, you might ask, where did cheese itself come from?

Cheese is the solid part of milk, called "curd" which is separated from the liquid part, "whey," by heat, microorganisms, enzymes or any combination thereof. From this basic process come all the varied and delicious cheeses of the world.

The first cheese probably was very similar to what is known today as cottage cheese. This nutritious food was most likely discovered 9,000 years ago when one of the first humans to domesticate mammals left a bowl of milk in the sun. It turned sour and thickened, and then the liquid evaporated, leaving the curd behind.

A modified version of this method was used for centuries to make cheese in the simple cottages that gave cottage cheese its name. That it was most often made by farmers (which included just about everyone in olden times) and that the milk was heated in large pots account for the name of cottage cheese's slightly drier and more acidic cousin, farmer's or pot cheese.

These are "fresh" cheeses, that is, highly perishable, not aged or cured. Aged cheese developed when ancient people began storing drained and pressed curds in cool caves. They found the flavor improved and the cheese kept much longer.

Names that distinguish aged cheeses are often the names of places where they were first made: Colby, a type of Cheddar, from Colby Township, Wisconsin; Parmesan, a hard cheese for grating and cooking, from the area around the city of Parma in northern Italy; Swiss, from Switzerland, obviously, but called Emmentaler by the natives, from the valley of the Emme River where the cheese was developed.

Others have more interesting stories behind their names. Brick cheese, one of the few originating in the U.S., is probably called that because it was made initially in five-pound rectangular loaves measuring 3 x 5 x 10 inches, the size, shape and weight of a brick. John Jossi, a farmer in Dodge County, Wisconsin, developed the formula in 1877. Part of his procedure called for pressing the whey from the curds using bricks as weights, another possible source of this cheese's name.

Liederkranz sounds as if it comes from Germany, but it was created in a small cheese factory near Monroe, New York, by Swiss-born cheesemaker Emil Frey. Frey was trying to duplicate an imported German cheese called Bismarck Schlosskase for a deli owner who had more orders than he could fill. The result was not at all like the original; it was better. The new cheese was quite popular with the singing society of Liederkranz, Hall, of which Frey was a member. He named his cheese Liederkranz, which roughly translated, means "wreath of song."

Monterey Jack gets its name from both a place and a person. It is a mild, semisoft variation of Cheddar that evolved from the cheese made in the 1700s by Spanish padres in the Monterey region south of San Francisco, California. In the years after the Gold Rush, a Monterey dairyman from Scotland, David Jacks, modified the original formula. His product bore on its label both the shipping point and the shipper's name, minus the "s." Jacks' dairy so dominated the market that the delicious cheese was soon called Monterey Jack no matter who produced it.

Like Jack, many cheeses were first made by religious orders. A great number of European cheeses have saints' names (St. Paulin, St. Remy) because the abbeys where they originated were named for saints. Port du Salut was developed by Trappist monks and got its title in an interesting and touching way. During the French Revolution, the Trappists fled France. When they returned from exile in 1815, they landed at a bay on the Normandy coast, which they christened Le Port du Salut, "The Port of Salvation." They restored a medieval priory and began producing a cheese that soon became popular all over the world. In 1878 the name was copyrighted and in 1909 the Trappists sold the manufacturing rights to a commercial dairy.

No matter where they first were made and no matter how they got their names, the many cheeses available at supermarkets, delis and cheese shops provide great flavor and opportunities to experiment.

If you host a cheese tasting, you'll be able to tell your guests what Emmentaler really is and how Monterey Jack got its name. Alas, you'll also have to tell them that America's favorite, Cheddar, is no long produced at all in the English village that gave it its name.

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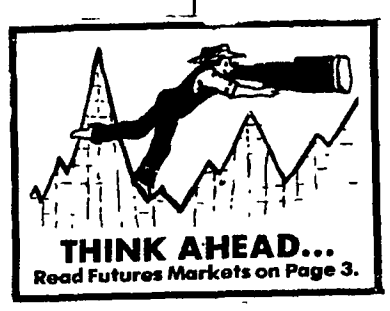

THINK AHEAD...
Read Futures Markets on Page 3.

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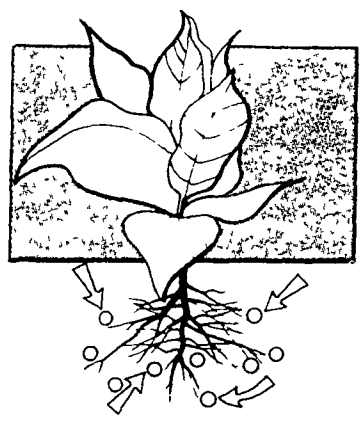

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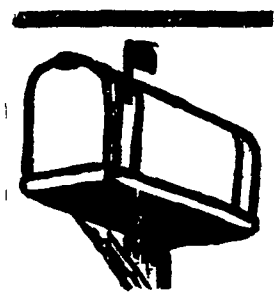

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For Sale - 13 pigs, Cumb Co, 717-258-3994

Wanted - Narrow Double Row Head for #2300 Fox Harvester, 3000 4000 bushel grain bin Noah H Martin, New Holland 315 536 4079

For Sale - 50 strong bred Holstein heifers due, starting August, calfhood vacc, 814-267 5248 after 8 p m Somerset Co

For Sale - AQHA 2 yr old Filly also extra bee hives Best offer Carroll Co 301-857-4636

For Sale AC 2-row corn planter, disk openers, good $275 00 also 12 hole pig feeder ok $25 00 215 445 6976

For Sale Nice gas cook stove $120 00 working order, Good alum., barn windows 34x46" $17.50 Barn cleaner chain Lanc. Co 215 445-5309

For Sale - Set of tractor tires size 16 9x30 6 50x16. Like new, Lanc Co 717 733 4295, also 40 ft windmill

MAILBOX MARKET

For Sale Portable typewriter, with case also Remington cash register, None electric, (Hand operated) 717-273-6018, Lebanon Co

For Sale - 20'x49' Greenhouse fiberglass roof & ends, wind out glass windows, all supplies included, $2000 After 6 p m, 717-523-3037

For Sale - Pure ARABIAN Gelding, 15 hands, rides English, no vices $800 firm Dauphin Co, 717 469-7213

For Sale - 100' corn or manure heavy drag line 2½ wide, 5' plank paddle Col Co, 717-784-0628

For Sale - Int 11' fertilizer & lime drill, like new, $1000 717-898-8736

For Sale - 1979-24' Motor home 350 Chevy, low mileage (10,000) extra fuel tank, hitch-10 mile/gal $15,000 717-284-3111

For Sale - 50 ton good solid dry ear corn Also german shephard pups $5.00 and one peacock 717-865-4038 Lebanon Co

For Sale - No 9 McCormick grass mower for parts Joseph E Glick, Box 254, Mondale Rd. Bird-in-Hand Lanc. Co.

Wanted - Used cattle showing equipment, blocking chute, groomer, etc 215-756-6011 Berks Co

For Sale - Harvestore 20x60, rebuilt gol $25,000 or less must sell, 36' NH elevator, 16' 3 beater wagon w/roof 717-334-7005

For Sale - 8 yr. old saddlebred carriage or buggy horse Omar S. Fisher, 434 Newport Rd, Ronks, Pa 17572

For Sale - Reg purebred Nubian buck-top bloodlines, proven-Yearling 3/4 Amer Reg Toggenburg doe-beautiful Bradford Co, 717-673-5644

For Sale - 12' Case Field cultivator, 3 pt hookup with mid west harrow, $1200 00 215-693 5907

For Sale - Two new 12' fence master steel gates $40 110 gal gas tank w/hand pump $100 Berks Co (215)-367-8194

For Sale - Nice black faced ram was a twin Call Raymond Sauder, R3, Ephrata, Pa 17522, 717-733-8579

Wanted - Set of steel wheels for small tractor 12" wide 24" center 50" overall. For Sale - Troybilt tiller Lanc Co 215-445-7101

For Sale - Purebred Border Collie puppies No papers Very Cute, $35.00. Lanc Co 717-442-9149.

For Sale - J.D No 46 Loader $450, head for 3010 gas $200 00. 717-354-0176

For Sale Radiator for Farmall M or 400 gas or diesel $100 00 Injection pump for Fordson Major $300 00. Sullivan Co 717-924-3847

For Sale - Gehl 95MX grinder — mixer equipped with Davis hyd, driven crimper Good cond, $3,200 00 will deliver Cumb Co 717-532-3360

For Sale - Ford sectional wheel weights for 28" wheels-1 Goulds deep well jet water pump 717-896-8260 Dauph Co

For Sale Serval gas refrigerator Lanc Co 215-445-5711

For Sale - 3 yr old black Angus Bull, approx 1200 lbs would make good breeder for Dairy Heifers Call 717-244-6218

For Sale - Reg. Holstein bull, born 7-26-81 Sired by Elevation Very Amos Beiler, Box 223, Christiana R 1, Pa 17509

MAILBOX MARKET

For Sale - 1957 Inter. truck, Rear end is bad, make offer, must sell. Leb Co, 717-866 6358

For Sale Beacon Hay Preserves, $100 Berks Co, 215-689-9354

For Sale Farmall M, good condition, belt power, $1600 00 Call between 8 00 A M and 5 00 P M., Lebanon Co, 717-865-6626

For Sale Complete preservative attachment for baler $150 00 Call after 9 P M Berks Co, 215 926 2280

For Sale - 2 Duroc-York Crossbred Boars Performance selected 150 lb wt $125 ea Cumb Co, 717-423-6620

For Sale - Whitetail deer fawns All fawns fathered by large bucks $150 00 each Call mornings or weekends (215)-367 8380 Berks Co.

For Sale - Steel wheels 60' high, 14" wide, 34" rim, good cond,, 24" open top produce case Berks Co, 215-683-9086

For Sale - AC B with 5' rotary lawn mower $1,495 00. Chest Co, 215-932-8633

For Sale - 609 Tobacco plants, Abner F Riehl, 2115 Spring Hollow Rd, Strasburg, RD #2, Pa 17579

For Sale - One Purebred toy Fox Terrier pup female 8 wks old, asking $30 00, 717-733-4059. Lanc Co

Wanted - Ground driven bale loader to attach to truck for stacking hay out in field Chest Co., Call 215-388-6501.

MAILBOX MARKET

For Sale - Canvas Belt CONVEYOR, 12"x8' plus, 1/3 H.P Motor w/gear reduction unit Metal stand, rollers $85.00. Lycoming Co, 717-435-5216

For Sale - 1200 bu. round wire corn crib w/spreader, excel cond., have reg., and grade jersey calves. Lehigh Co, 215-756-6690

For Sale - Allis, Chalmers Model G with one row cult, good cond, 700 Balto Co, 301 374-9750

For Sale - JD 440 Crawler parts transmission, reverser, gas Motor parts, and loader parts Carroll Co, 301-239-8285

For Sale - Int. Cultivators for Super A/140 Good cond, 301-795-2609 or 795-6484, Carroll Co, Md

For Sale - 1200 Bu. good ear corn $1 25/Bu, Oat straw $40/ton Armstrong Co., 814-257-8154

For Sale - Reg French Alpine buck goat Born 5/21/83 Dam "Amyr" Breeding. Sire "Diamond Sunshine Reflector" ★B Centre Co, 814-466-6606

For Sale - JD Row-crop '70" gas rebuilt, 3 pt, live P.T.O. Must sell, 1,700, U-Haul. Balto Co, Md, 301-252-0627

For Sale - H Farmall w/Cultivators, 449 mechanical trip IH 4 row corn planter. After 5.00, 301-996-2924. York & Harford Co Line.

For Sale - 1 Morgan filly, 1 Morgan gelding, both Yearlings, also 1 Grubber Wagon. Ask for Sol 717-768-3052 eves.

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MAILBOX MARKET

For Sale - JD 4020 Diesel, power shift, 500 hrs on overhaul. 64 model, $6,900 Farmall H $750 Lanc Co 215-267-6858

For Sale - 2 chinese geese (weed eaters) Lanc. Co., Omer B King, 1650 Morningside Drive, Lancaster, Pa 17602.

Wanted - Mc 6' grain binder in good cond, state price. Aaron M Hoover, RD #3 Mill Rd, Ephrata, Pa 17522

Wanted - 2-13.6x28 or 14 9x28 tractor tires with or without rims must be in good condition 717-442-4529, Lanc Co

For Sale Heavy steel 800 bu round corn crib $100 00 Steven Stoltz fus, Box 250, Mondale Rd, Bird in Hand #1, Pa 17505

For Sale - 4 Duroc York cross boars $200 & $275 Earl Weaver 215 445 5898 Lanc Co

For Sale - 2 section rotary hoe, 4 row JD front mounted cultivator for 3020 or 4020 tractor Adams Co., 717 624 8561

Notice Share part time work on farm for elderly Man live at farm Paul F Yerger, 717-754-4661, Auburn, Pa 17922

For Sale 2 Dahlman self unloading potato bodies on 1969 Inter trucks Very Good cond, 717 648-5056 Schu Co

For Sale AKC Brittany Spaniel pups Docked, declawed, shots, wormed Males Good stock Males 717-656-8671 eves Wknds anytime, Lanc Co

Wanted To Buy Moline M 5 For Sale - Ear corn $95 00 a ton at the farm Call 717-292 4693 York Co

For Sale JD 130 Potato Harvester w/Wisconsin Motor $4,000 York Co, 717-235-1700

Notice - Free Farm Kittens, Lanc Co, 717 733 7132

For Sale Male & Female toy Fox Terriers (UKC) Registered Rachel Auker, E Fulton St, Ephrata, Pa 17522

For Sale Cast iron single drain sink w/cupboard 20" deep, 40" wide, 36" high $20. Carbon Co, 717-386-5143

For Sale - Proven Cheviot Ram 4 yrs old, good twinning record $80 00. 215-458-8178 after 7.00 p m

Wanted - Set of rear steel wheels for Farmall M, Pulley for same David E Bontrager, RD #2, Box 138 A, Dover, Del.

For Sale - 800 bales oat straw $1 per bale Paul Murat Steuben Co., Bath, N Y, 607-776 4465 at 9 a m

For Sale Development mountain land, Pocahontas County, W Va, near 5 ski resorts, 41A, $30,000, 150A, $100,000 Rockingham Co., Va, 703-828-6328

For Sale - 5 ton Metal feed bin 4 yrs old Amos F Stoltzfus, RD #3, Box 302, Lititz, Pa 17543.

For Sale - 1-one row self propelled tobacco hoer with wisconsin engine good cond $250 Lanc Co, 717 859 3027

For Sale MF 35 combine, overhauled, new engine 215 536-9672 Bucks Co

For Sale - NH 975 combine $6,500, JD A needs work, best offer, 1972 Pinto, 4 spd, Lanc Co, 717-872 8659

Wanted - JD 730 diesel, elec start, 3 pt hitch, Warren Co, 201-453 2491 after 5 30 p m

For Sale Sweet Potato plants jersey, golds, and jewels Mildred Hoover, R 2 Narvon, Pa 17555, please call eves, 215-273-2810.

For Sale - Purebred Hampshire Boars., Breeding Age, $250 Adams Co, 717-624-2407.

MAILBOX MARKET

For Sale - '63 Ford Conv Galaxie 500 XL 50,000 mi, 289, auto, PS, prof painted Glouc Co. 609-468-6286.

For Sale - MM model D corn sheller, model VP4 - 3½x4 Wisconsin power unit w/clutch - model D226 Leroi power unit Garrett Co 301-826 8366.

For Sale - Round hog feeder, 4,000 lb. cap., $150. 10' Hume reel $50 750x16" implement tires, $30 Carrol Co 301-756-2087

For Sale - Black Wilson soybeans, $10/bu G Casper, Salem Co 609 935-4594 after 5 p m

For Sale - 2 Fox choppers, 1 regular, 1 industrial, $575 & $1075 Warren Co, NJ 201 859-2732

For Sale - 30 bu Weaverline silage cart, Lanc Co 717 786 3527

Notice - Farmhouse for rent in southern York County $150 00/month I'll supply materials, you renovate Farmland available 717-993-2288 York Co

For Sale - Used high protein feed and fuel alcohol plant Used Bio mass boiler for coal, wood material Berks Co 215-539 8700

For Sale Cocker Spaniel pups, 8 weeks old, blonde $40, no papers Parents can be seen Chester Co 215 692-4679

For Sale Apple firewood, low summer price of $69/cord, also excel Super C tractor Columbia Co 717 672-2638

For Sale Used roof slate, very good cond 10" x 20' 75¢ each 717-626-7194 after 4 p m Lanc Co

For Sale - Single phase ½ ton elec chain hoist 200 lb stainless steel elec meat mixer Sch Co 717 385-0723

Wanted - Used church benches w/backs preferred, state price, size & cond 215-445 7191

For Sale - 28 4 x 4 locust posts 6 & 7' long, one Bld 5' by 52" outside toilet Dauphin Co 717-469-0226

For Sale - Ford 3 pt cult like new $275 JD hay fluffer $100 IH 100 balance 3 pt mower 717 354-0266

For Sale - JD 4400 gas combine, floating grain head, 1600 hrs., new belts & straw spreader Montg Co 215-933-5216

For Sale - Purebred Keeshond pups 6 wks. old $45. Gideon Stoltzfus, Box 232A, Snake-Hill-Rd Bird-in-Hand, Pa

For Sale - 7' 2 pt Int. mower, #10 7' side mount mower JD, 600 CFM diesel power air comp Fayette Co 412-455-3679

For Sale - JD #8 W mower w/7' cutter bar, in good cond $150, also tobacco hoer to fit JD 40. 215-593-5371

For Sale Classic carts ready for driving shows, Tandem Gig, $4500 & Hempstead cart $2000 Cumberland Co NJ 609 455-2458

For Sale Jersey family cow fresh w/2nd calf $500 Wanted metal lathe 10" or larger Lanc Co 717-354-5060

For Sale Case 220 baler w/thrower field ready Leb Co 717 867 2255 or 867-1280

For Sale 3 used Choretime pan feeders in good cond each 370 long Bucks Co 215 766-8748

For Sale - N H 1890 S P harvester 3208 Cat engine, 3-R corn head 36"-38" pick-up head Carroll Co Md 301 662-5419

For Sale - 16 acres, home, basement, porch, steam heat, barn, $89,000, negotiable, RD 1, Box 60 Groff Rd Millington, Md 21651

MAILBOX MARKET

For Sale - 1963 Chev. Corvair 4 dr needs battery & front end frame work. $500 Orange Co. NY 914-258-4543 or 258-4422.

For Sale - Model 300 Case tractor w/cultivators & 3 pt hitch, live hydraulic $1150. York Co. 717-938-6322.

For Sale - Jamesway Fill-N-Feed auger type bunk feeder for parts Make offer. Lanc Co. 717-367-6103

For Sale - 24" planer 3 knife round head, direct drive ball bearing single phase 220 volt, knives, Berks Co 215 682-6445

For Sale Goat 8 wk old doe, mixed Toggenburg from heavy milking stock, $40 also strawberries Lanc Co 717 354 7043

For Sale - 2 row 3 pt Dearborn cultivator w/plant shields $150 Berks Co 215 367 8939

For Sale - Camper 19' Terry, fully self contained, new tires, good cond Asking $2,500. Berks Co 215-582-5987

For Sale - Franklin Co dairy farm by owner 160 acres, 4 bedroom brick home, 50 stanchion barn, 717 328-5748

For Sale - 1971 C750 Ford truck P S, Air brakes, 166" cab to axel, 22' bed available $2695 Lanc Co 717 548-2559

For Sale 1982 mobile traveler motor home w/6 Michelin H D tires, 6,618 miles, deluxe model 185-RK $24,000 717-766 8897 or 717-697-8352

For Sale - truck bed hydraulic swivel hoist 1200 lb cap $175. Wood lathe York Co 717-252 2165 after 6 p m

Wanted - OC3 narrow gauge axles and housings Will buy or trade for wide, 78" Burkholder RD2560 Fleetwood, PA 19522

For Sale - Sheep, 2 Hampshire ewes, 1 Dorset ewe, only 3 yrs old and real good mothers Berks Co 215 944-7889

For Sale - Pittsburg 3 pt 4 row cultivator, $400 Berks Co, 215-683-7902

For Sale - 8' pickup camper Sink, burner, heater, closet, cabinets Sleeps 4, light weight, like new Call Lebanon 717 273-8229 eves.

For Sale - 1 grade Holstein heifer due 7/1 to I-A sire dam 305d 21,465m 4 0% 858F Leb. Co 717-866 6772.

For Sale - 1978 Kawasaki 650, good cond., 3700 miles, blue call after 6 p m, 717-627-1094

For Sale - 2 used 18 4x34, 1 used 15 5x38, 7'-6" all power Western snow plow and 8,000 lb. warn winch Tioga Co 717-724-5055

For Sale - MF 175 diesel new paint, good rubber, in good cond, $5000, Mifflin Co 717 667-2795

For Sale - Suffolk ewes $65 ea, Suffolk lambs, about 75 lbs, $40 ea 717-872-8581 or 872-4012 Lanc Co

For Sale Choice Shropshire lambs, yearlings, 3 yr old ram D'Ambra and shepard bloodlines to start or improve a flock 717 949 3653 Leb Co

For Sale 2 young accumated mare mules They need work Stephen S Fisher, 703 Hickory Lewisville Road, Oxford, PA 19363

For Sale 4 skid jacks, 8,000 lb capacity each, like new $50 ea all or none 717-588 6350 Pike Co

For Sale 1971 Grumman TR 2 trainer airplane, good cond, 717 898-2388 or 717-665-5100 Lanc Co

For Sale - Hydraulic tail gate for standard size pickup truck Complete kit for easy bolt-on installation, $500 Northampton Co 215 767-9039

MAILBOX MARKET

For Sale - Twin ewe lambs, three months old, 717-354-5778 Lanc Co Call after 4 p m.

For Sale - 18 Badger calf stalls with partitions, exc. cond Also "out-house" exc. cond, $50. Can deliver. Lanc Co 717-285-5030

Notice - Pasture for rent for thirty head For Sale - Overhead door, 7'hx9'w Daniel Stoltzfus, Newburg #3 Cumb Co

For Sale Altalfa hay - no rain. Ear corn stored in narrow cribs Lanc Co. Paradise, Pa 717-768-3021

For Sale Cold storage box on old truck, 6 ft x10ft w/electric unit, $500 Lanc Co Pa 215 445-4996

For Sale 36' Zimmerman elevator w/motor, $900 or w/gas engine $975, good cond, Vibra Shank 8' cultivator Lanc Co 717-733 1602

Wanted #609 tobacco plants as soon as possible Emanuel Stoltzfus, Honey Brook, Pa 87 N Bridell Rd, RD#3, 19344

For Sale 1950 Ford fire truck, 500 gpm, 500 gal tank, $1000 1964 Ford Sewage truck, Lehigh Co 215-967 4789

For Sale 18 mo old Angus bull, can be registered Also Super Headhunter cattle headgate Juniata Co 717 734 3695

For Sale Stewart Sun beam Shearmaster clippers, extra blades, $40 Chester Co 215 932 4728

For Sale '71 Freightliner sleeper 270 15 sp 4 11 rears, 20" rubber All steel bud wheels, raco air dryer, new batteries, new paint, new interior, $7000 firm Must see 717-529 2126 Lanc Co

For Sale App 4 ton wheat straw $55 ton Horsedrawn Millville wagon w/seat, good cond, $250 North'd Co 717-275 4725

For Sale - Beefalo bull, 3/4 blood, 3 yrs, Chester Co 215 469-6456

For Sale - 2 beater Gehl silage wagon $100 without wheels $300 for both, metal & wood parts Berks Co 215-286-5434

For Sale - Am. Nubian buck kids w/high milk poduction background Priced reasonable 717-532 3736 Franklin Co, Chambersburg, PA

For Sale Cultivators for Oliver tractor Umbrella for tractor, both items in good cond, Leb 717-273-6683 after 6 p m

For Sale - Four new tarrowing crates, $110 a pc. 2 used farrowing crates, $75 a pc 215-584 1146 Montg Co

Lambs For Sale - White $45 and black $55 Also black fleeces available from Karakul sheep, $3/lb Adams Co 717-528-8555

Wanted Kerosene in cubator State price and cond & size Andy A Mast, Jr, R1, Box 247 I, Hartly, DE 19953 Kent Co

For Sale Cherry and walnut boards, 1,000 board foot Also cast iron cooking kettles Perry Co 717-536-3372

For Sale Machinery offered, 2 disc, chisel, 3 bottom Oliver plow, make offer Lanc Co, Pa Days 717 397-4561, eves 717 569-1470

For Sale Beacon hay applicator, $150 609 tob plants Enos K Stoltzfus, Quarryville RD3, Box 437, along Drywells Rd

For Sale - AKC chocolate labs, 3 yr old female $90 2 yr old female $75 Chocolate puppy Lanc Co 717-768-8074

For Sale - 5400 White Cornplanter Marker disc assembly (2) $50, Sentinel vacuum controller $100 Milker units. Bucks Co 215-249-3304

MAILBOX MARKET

For Sale - 11 Holstein heifers, bale cart $20. No Sunday calls, Dauphin Co. 717-896-8967

For Sale - Six bedroom hunting, fishing and snowmobile camp in Union Co on private land. $24,900. 717-949-3153

For Sale - JD three section spring harrow & 10 ft. packer, good cond, 717-626-5995 Lanc Co.

For Sale - 1980 Pontiac LeMans 4 dr. sedan, automatic, PS/PB, radio, air, rear window defogger, $3200/best offer. Lanc Co 717-665-5848.

Wanted - Heifers to feed $.90/head/day in summer $1 00 in winter Heifers have access to pasture, hay, silage 717 762-2807 Franklin Co

For Sale - JD 1240 plateless corn planter, dry fertilizer, disc openers, insecticide boxes and monitors Exc cond, York Co 717-235-4026

For Sale JD 'B', good rubber, new paint, powertrol York Co 717 225 3779

For Sale - Cage layer manure spread on your fields. 717-758-9263 Southern Northumberland Co

Wanted - Someone to bale or buy standing grass hay Approx 20 acres Barn available South of Hershey Dauphin Co 717 867-1266

For Sale - AQHA Gelding, 4 yrs old, Sorrel 15 2 H, good trail horse, show potential, good bloodlines, $800 Perry Co 717-567-9773

For Sale AC 303 baler, good cond, $500 IH No 9 mower, $100 717 354 9370

For Sale - NH 469 haybine, Farmall M, Cultivators for H or M, Dunham 7' Cultipacker, barn cleaner. Dauphin Co 717-365-3562

For Sale 2 cyl. and 4 cyl Wisconsin engines, Lanc Co 717-656-9734

For Sale - 40' Fruehauf Van trailer, w/sliding tandems, 10x20 rubber Equipped for top loading Lanc. Co 717-665-3865

For Sale JD W S 224 wire tie baler, very good cond NH Model 300 PTO manure spreader, Bucks Co 215-257-2377

For Sale - Geese, 2-4 yr old breeders Emden, Toulouse, $7.50 ea African, Chinese $5 00 Case Farm, Brodbecks, York Co 717-229-2933.

For Sale - 609 Maryland tobacco plants, Ephriam D Riehl Jr, 247 E Eby Rd, R2, Leola, Pa 17540.

Wanted - 22 tobacco rails, 19 ft or 20 ft Aaron M Reiff Jr., Rt 1 Box 300 East Earl, Pa 17519

For Sale Two American Bison (buffalo) calves, 10 weeks old, $500 each York Co 717 225 4317

For Sale 22 month old bull, 24,259 4 0% Aquilla Blank, R1 Gap, ½ mi E of White Horse along 340.

Wanted Female French Angora rabbit, any age For Sale - Two grey male Angora rabbits. David Delong, Lanc Co 717 786-2957

For Sale - Ideal #22 thrasher, 717 689-9397 Wayne Co

For Sale Standardbred driving horses, Elam B Stoltzfus, 3068 Irishtown Rd, Ronks, PA 17572

For Sale 12' spring harrow, like new 717-786-3567 Lanc Co

For Sale - 65 feeder pigs, 45 lbs ave, 3 hp motor, 1 pr AKC Huskys Lanc Co 717-354-5360

Wanted - Tobacco rails 3x5x12' and 3x6x18', iron kettle 26 or 28" wide Benuel M Fisher, New Holland RD2 17557 PA

For Sale - Choice of two 4 yr old sorrel saddle bred geldings David Fisher, 261 Centerville Rd, Gordonville, PA 17529

MAILBOX MARKET

For Sale - 2 horse shoop trailer, big size, 7' good cond, $1200. Saddlebred gelding, 3 yr, show quality. Lanc. 717-392-5834.

For Sale - American Toggenburg, 2 wk. old buck kid & 14 mo old first freshener. Both $200. Lanc. Co 717-665-7015.

For Sale - 2 gasoline powered Beneke Christmas tree, trimming machines. JD 7' tool bar. 717-286-6060 after 6 p m. Northumberland Co.

For Sale - Purebred apricot toy poddle puppies, 7 weeks old. Males & females $100 and $125. Part poodle puppies 717-865-4304

For Sale - York Landrace cross boar, 8 mo old One male AKC Doberman Pinscher, gentle, 1 yr. old Cumb Co 717-776-3669

For Sale HD 8 Shaver post pounder, used once, $795 18' tilt bed trailer tandem axle, $1695 Berks 215 693-5021

For Sale - Reg American Eskimo Spitz puppies, 6 wk old $60 717-463-2995 Juniata Co

For Sale AC 4 bar side rake, PTO drive, reasonable priced. Sch Co 717-345-4489.

For Sale Top 4-H calf, Ayrshire, Gallant Man daughter, very typey, reasonable 717-933 4385 or 933 4880 Berks Co

For Sale 5 crossbred ewes $40 ea, also Suffolk ram and silver ram $75 ea 717-292-2484 York Co

For Sale Potato harvester, FMC 2 row wagon type Clinton Co 717 725 3908

Wanted - Radiator for 640 Ford farm tractor So Berks Co, eves 215 286-9478

For Sale - Sputnick, good cond, Benjamin E Kauffman, Star Route, Spring Glen, PA 17978 Dauphin Co

Wanted To buy used hydro-slide, also standard size crib mattress Lanc Co 717-354-9114

For Sale - NH model 268 wire tie baler, PTO drive, $675, Int Cub tractor w/mower, lights, $1,800 Lanc Co 717-656-6644

For Sale - 2 horse McCormick cultivator $65 Also 2 calf Guernsey cows soon fresh, $600 717-656-9548.

For Sale - 3 yr. old standardbred carriage horse, good broke w/snap $875 Lanc Co 717-354 8745

For Sale - Used top buggy on rubber in good cond, $950 or you make offer Lanc. Co 215-445-5420

For Sale - 4 York & Landrace cross boars average wt 125 lbs. each Lanc. Co. 717 354-6712

For Sale - 609 tobacco plants, also Sputnick w/12V motor, Elam M Esch, Jr, 2210 Creek Hill Rd, Lanc Pa 17601

Wanted - Used slip clutch for JD 24T baler, York Co 717-235-2032

For Sale 16 mixed ewe 1 buck, 1-4 yrs Perry Co Merle Matthews, R1, Box 153, Elliottsburg, Pa 717 582 2942

For Sale - Silo scaffold w/hydraulic lift and Honda engine 9'x8' high overhead doors, Ben R Beiler, Kirkwood, R1 Pa

For Sale - Int 430 pick up baler, works like a clock, exc cond., 3 pt 2 row corn planter, $325 215 262-9781

Wanted Good used manure bucket to fit AC D-15 manure loader 717-927-6772 after 7.30 p m

For Sale - MF 410 combine w/cab 4 30" G.H, good cond., must sell $5000. 717-799-5739 Columbia Co

For Sale 3 yr old Betty Chief daughter, due June 30th, 322 days, 16,315 lbs milk 690 fat Juniata Co 717-527-2243

MAILBOX MARKET

For Sale - Reg. Nubian buck w/papers, dehorned & very gentle, throws real nice kids, $100 Berks Co. 215-987-6098.

For Sale - 5 rolls stock fence, hog water cups, single hog feeders, cast iron trough, field sprayer. Berks Co. 215-683-5269

For Sale - NH 782 harvester w/130 HP. AC power unit feed table. Amos Beiler, Box 111, R#4, Quarryville, PA 17566.

For Sale - Brinly planter w/fertilizer attachment, one row, for category "O" hitch, $70 Berks Co 215-856 7856

Wanted - Light wagon having 6 springs. Will buy or trade for heavy wagon w/6 springs. Arthur Etchberger, Berks Co 215 926-4620

For Sale - Int #80 pull type combine in exc cond, Lyc Co. 717 398 1459

For Sale 1972 Honda ATC 90, good cond, runs good $400 717-865-4725 Leb. Co

For Sale - 2 horse scraper plow for hulling corn or potatoes Farmall cub tractor & cult In exc cond, 717-838-1801

For Sale - Chain block HD 2 ton, $200 AC 16" semi mounted snap-coupler, $350 Call 9 p m Northampton Co 215 262-9745.

Help Wanted - Person to milk on Sundays, must have experience Topton area, 215-682 6257 Berks Co

For Sale JD 3010 diesel, wide front end, new tires, good cond, $3400 215 267-2128

Notice Orders taken for sugar peas and strawberries Daniel B Smucker, R1 424 A Peters Rd, Gordonville, PA 17529

For Sale - NH 256 rake w/rubber teeth. NH 55 rake NI tobacco planters Sam K Zook, Kirkwood, PA Coopers Dr

For Sale - 22 feeder pigs, approx. 45 lbs, Bucks Co 215-249-9136 before 7 a m

For Sale - Co op grain drill on steel in good condition Also endless belt York Co 717-755-5622

For Sale - Bobwhite quail chick Also front end loader off a L245 Kubota, like new Lanc. Co 717-354-9902

For Sale - one horsepower submersible pump w/140' wire, $50. 10 rolls cattle fence, $100 Letz plate mill, York Co 717-764 8301

For Sale - Ram lambs all twins, all parents are twins Suffolk cross, pure Dorsets and all black Bucks Co 215 822-1639

For Sale Collectors items - Cat 25, Case 15 20, JD AR, NH rock crusher, and many parts, Lanc Co 717-285-5345

For Sale Pennlan tobacco plants, ready to pull now, Lititz, Lanc Co 717-626 0820

For Sale 500 12x24 roofing slate, used, 50 cents each 215 766-8169 Bucks Co

For Sale JD 730 diesel tractor, good cond, $3750 2 Gravity flow wagons, $450-$550 Bucks Co

For Sale - 67 Chevy C 60 dump truck rebuilt engine and rear 5 spd + 2 spd rear, $3500 Bucks Co 215-257-7678

Notice - 2- 6 ply, 19 6x24 tires 2- 10x28 4 ply tires 215 326-0156 6 p m, Mont Co

Notice - Large Yard Sale, June 11 - 8-2. Near Landhope store on Rt. 10 & 1 by pass. Rain date 6/18.

For Sale - JD H manure spreader, $125 Feeder house chain for JD 3300, grain lifter guards for combine Bucks Co 215 297-5926

MAILBOX MARKET

For Sale - 10"x10"x25' steel "I" beams. Also, NI 325 picker-sheller. Will separate if necessary North'land Co 717-538-5180

For Sale - Antique Oliver 80 tractor, wide front, not running $350 32' Little Giant elevator, PTO $550. Lanc Co 717-653-5733

For Sale - Reg Holstein bull Dam Mowry C. Bootmaker Idle 27,000M & 1014F Amos S. Stoltzfus, Beechdale Rd., Bird-in-Hand, Pa

For Sale - 36" exterior wooden door w/3 windows and hinges, excellent cond., $45 Wooden storm doors, $8 ea 717-653 2753 Lanc Co

For Sale - Hardy Water Lilies, five colors to choose from, including Pygmy Water Lilies Aquatic plants. Lanc Co 215 267 7846

For Sale - Choretime poultry feeder, 4 lines out of 300' building Plus others, 90 Beacon steel waterers. York Co 717-697 5394

For Sale Hesston 1090 haybine, used twice total of 20 acres $5260 or offer Century welder, never used 717-866-4185, 215-589-2966.

For Sale - Wooden wheel tobacco wagon w/long bed 12-4-28 tires w/tubes. JD grain drill (11x7 disk) IH flail chopper 717-362-9842

For Sale - Farmall cub w/cult., $1500. AC tractor model C $650 340 Farmall motor parts 215-052-0888, 215-598-7357

For Sale - Geese, pr Toulouse, grey, pr Embden, white, 1 yr ½ old mated, will deliver into So Lanc Co 215 869-2252

For Sale - NH 770 harvester w/new style pickup & 2R cornhead, Crank up endgate for NI manure spreader Adams Co 717-359-4383.

For Sale - Radiator for 400 or Farmall M, $100 will mail Parts for DC Case tractor, Sullivan Co 717 924-3847.

For Sale - Used Patz 98 silo unloader, 16 20', new blower, rebuilt power cutter, $1500 717-924-3460

For Sale Farmall Super AV w/cultivator and side dresser, good cond or trade for good baler Cumb Co 717-776-7542

For Sale 3 yr old Reg Jersey, DHIA records, bred back, $1000/best offer Circle "C" Farms, Col Co., 717 437-3603

For Sale - 6 mo old boars Purebred Yorkshire and York Landrace cross. 3 York Hampshire cross, Lanc Co. 717 656-9764 Warren Nolt

For Sale - 609 tobacco plants Lanc Co 717 656-8981

For Sale - Old fence rail and posts. Old wide barn boards, Stephen L Stoltzfus, East Eby Rd., Leola, Pa 17540

For Sale - Dearborn rear mounted 2 row cult., new shovels, $325 Sears front tine tiller 4 HP, $150 Northumberland Co 717 275 2367

For Sale - 3 yr old Reg Angus bull, $800 Cumb Co 717-776-5931 after 6 p m

For Sale - Poultry feeders various sizes, app 150 One set rear wheel weights for Int tractor, Adams Co 717-624-8931

For Sale - Corn workers for AC WD or C Liquid protein supplement tanks Locust posts Perry Co 717-789-3422.

For Sale - JD No 25 combine 6 ft cut, 36 ft NI elevator 717-568-3544 Union Co

For Sale - 1946 Studebaker truck w/dump. Adams Co 717 359 4878

For Sale 'Grade Holstein fresh cow, $1100 Grade Holstein heifer, $800 Melvin K Esh, 132 E Brook Rd., Smoketown, Pa

MAILBOX MARKET

For Sale - Iron furnace w/iron kettle included. Elmer L Miller, Bird-in hand #1 Pa West Eby Rd

For Sale - 6 Dekalb crossbred boars about 200-225 lbs Also used poulty equip Hart drinking cups, 717-272 5089 Leb Co

For Sale - AC C tractor Irish Dexter bull New bath tub & coturnix quail Lanc co. 717-786-1746

For Sale - MD type 609 tobacco plants, June 15th or after Israel S Beiler, R1 Box 117, Christiana, PA 17509

For Sale - JD rotary hoe, four section pull type, $125 215 932 8208 Chester Co

For Sale - Merit automatic commander proportioning pump for soluble additives, exc. cond., $55 Lanc Co eves 717-656-7440

For Sale - 402 NH crimper, VG4D Wisc with or without clutch reduction, Daniel E Smucker, B181, R#1, Strasburg, Pa 17579

For Sale Six reg heifers due in June A-1 sired Elam L Stoltzfus, R3 Box 78, Quarryville, PA 17566

For Sale 79 Riviera full power, tilt wheel, cruise, AM FM stereo cassette, rear defogger, very good cond Lanc Co 717 464-5296

Notice - Will trade for Cash. 1946 JD LA w/starter and lights, plow, cultivators and snow plow, $1500 Lanc Co 717-626-4668

For Sale - MF 205 18 hp diesel tractor w/turfl tires, like new cond., York Co., 717-235-2786 after 5.30 p m

For Sale - Canning jars, pints $1 doz, Qts. $2 doz., 2 qts $2.50 doz Lanc Co 717-898-7066.

For Sale - Toy Pomeranian pups, nice and cute 6 weeks old, Aaron B. Beiler, South Vintage Rd., R1 Paradise, Pa

For Sale - 1975 Chevy Scottsdale pickup, 4 speed trans, $1995 1971 Dodge Dart G.T., very good cond., $1100 Lanc Co 717-665-7140

For Sale - Yrlg Angus bulls by "P S Power" "Play" and "Puritan" Reasonably priced, 717 292-4855, after 5 p m

For Sale Bred sows, $150 and up, Sows with pigs by side $200 and up 215 877-4275 anytime til 11 30 p m

For Sale - 6 work horses and bridles 717-428-1686 Seven Valley, PA

For Sale - 2 large Oliver tractor front end weights, 160 lb each $40/pc Lanc. Co 717 626 1467 after 5 p m

For Sale - Netherland Dwarf and Mini-lop Rabbits, pedigreed Also guinea pigs No Sunday calls, please Schuylkill Co 717-345-6278

For Sale - IH 986, $13,500 One team bay geldings, one team blacks, other horses all young horses North'l Co 717-538 1513

For Sale - Two section spring tooth harrow for draft horses, exc cond., $175 Call after 6 p m 717-724-3809.

For Sale - Pa Lotto selector program for Atari 800-48K Data all previous drawings, $20 C R Slater, R1, Perkiomenville, Pa., 18074

For Sale - Combines JD 95 diesel w/two heads & cab, MF 300G w/two heads, very good, 717-437 2965 or 717 649 5962, Montour Co

For Sale 10 ton nut coal $55 a ton Also 1976 Pinto Runabout, exc cond., 717-348 8114

For Sale Int 990 haybine, field ready, extra knives, Adams Co 717 334 6993

TRUCKS & TRAILERS

1965 GMC 3500 series grain truck, 21000 GVW, 12' bed w/tight sides, very good condition, $2500. 717-898-8736.

'70 D600 Dodge, 26000 GVW, 8000 mi. on rebuilt 361 V8, 5 + 2, 1000-20 tires, 16 foot dump, 9 foot roof rack, $4000. Lebanon Co. 717-865-2711.

1962 IH model 1600 with 17' flat bed dump, 215-869-9801.

1979 Dodge, W-300 11,000GVW, dual rear wheels, lock-out front hubs, 360V-8, automatic, PS&PB, dual fuel tanks, AM/FM radio, running boards, fog lamps, Myers power angle plow removable livestock racks, 25,000 miles, very clean, good running truck, $7750. 717-435-0524.

1974 Ford F350 12 foot cattle truck. 390 engine. Good condition. $2500. Warren County, New Jersey 201-852-3793.

1974 IH model 2050A 16' dump with blower, 215-869-9801.

1975 IH Loadstar 1600. 16' wooden cattle body. 1 owner, 50,000 miles. Excellent cond. 717-626-7509, 717-627-1144.

Wanted - 350 Chevrolet truck engine, automatic, must be very low miles, 215-723-7158.

For Sale - 1963 1 ton Ford truck. Also 730 JD tractor. 412-336-5582.

1970 Int. truck, 190 series, 16 foot Thermoking refrigerated body with three phase electric hookup. Air brakes, power steering, 43,000 actual miles. Phone 717-626-4889 $2500.

For Sale - 1970 International single axle with 144" c/a. Rebuilt engine, 34,500 GVM. $2500. Phone 717-334-6993.

STORAGE TRAILERS - OFFICE TRAILERS FOR RENT. Economical, delivered. 301-771-4529.

'81 Chevy C30, cab and chassis, 350 4 speed, PS/PB, 10,000 GVW, 19,000 miles, exc. cond., $7800. 717-733-2873.

Wanted - office trailer for construction job, 301-771-4529.

'81 Ford Ranger F150, Super cab pickup, 302 auto., PB/PS, air, AM-FM, sliding rear window, dual tanks, 17,000 miles, $7950. 717-733-2873.

2 ton Army Truck 6 Wheel Drive $4995.00 1970 White 250 Cummins, 13sp, Take 20' body Tandem, $3500.00 Others, 814-793-2829 Curry Supply.

'77 IH 1600 ps, 345 engine, 5+2, 9x20, 13' flat steel dump, new paint, $8000 or best offer; single axle Lo-Boy trailer needs floor $500; Lincoln PTO welder on trailer $450, 301-374-2490.

'82 Chevy Scotsdale, 6.2 diesel, 4 wheel drive pickup, 4 speed, PS/PB, two-tone paint, 10,000 miles, $9250. 717-733-2873.

1972 Ford truck 52,000 GVW 20' grain box w/dump, just overhauled, $9500. 717-739-4637.

'82 Chevy Custom Deluxe, C20, ¾ ton pickup, 305 automatic, PS/PB, air, radial tires, $6950. 717-733-2873.

45' x 3-4 trailer smooth side, 1000 x 20 tires, slider, swing dorrs, 1972 brown, inspected, $2800, 301-771-4529.

Cat 977, Power Shift, Pedal Steer, Rophs, $12,975.00 1974 John Deere 740 Log Skidder $29,975.00 12" Wood Chipper $3475.00 Others, 814-793-2829 Curry Supply.

'81 Chevy Custom Deluxe, ½ ton pickup, 305, 3 speed overdrive, dark blue, $4950. '81 Dodge Ram, 150, ½ ton pickup, 6 cyl., 3 speed overdrive, PS/PB, two-tone paint, $5350. '81 Dodge, 150, ½ ton pickup, 6 cyl., 3 speed overdrive, PS/PB, black, $4975. 717-733-2873.

TRUCKS & TRAILERS

Allison automatic transmission model 760, CRD, nearly new, 22' Morgan van, overhead rear door, nearly perfect. Pichel's Farms, Inc., 215-258-9818.

1979 Int. 1854 S model, 466 diesel, 5&2 speed, PS, long wheel base; 1974 Int. 4200 Transtar, conventional tandem tractor, 350 Detroit diesel, 13 speed, air brakes, PS, radio, heater, air conditioning, 10:00x20 rubber; 1973 Int. 1800, 392 V8, 5&2 speed, PS, 10:00x20 tires, 16' all steel flatbed dump w/twin cylinder hoist. 301-877-9889.

CATTLE TRUCKS- 1979 Ford LN7000, Cat. engine, 5 spd. trans., 2 spd. rear axle, 22' Eby alum. lvst. body, asking $13,500. 1977 Ford F-350 (1-ton) with 13' wood (steel under frame) Byler lvst. body, Asking $5000. C. SHERMAN ALLEN, 814-382-2922 or 814-382-3245, Crawford County.

TRUCKS & TRAILERS

40' van, Great Dane, side door, $2500, 717-532-9271.

1973 Mac cab over, sleeper, air steering, dual drive axles, 325 Maxidine engine, in good cond., 717-532-9271.

1972 2000 D Int. Dump, 9' body, 671 Detroit, 10 speed tran., power steering, new paint, good tires. $6300.00 Bucks Co., 215-297-8354.

36' flat bed trailer, $1500, 717-532-9271.

1971 Ford F-700, good condition, ready to go to work, 2000 gallon tank, Gordon Rupp Pump in good condition, call between 8 a.m. and 5 p.m., Chester Co., 215-363-1800, $9500.

1970 International truck with 24' Grove Super 10 rollback, $5500 or best offer. 301-829-2060.

For Sale - 1968 Ford F800 damp lime spreader, 10' Stoltzfus full hydraulic 391, 5+2, posi rear, will separate. Cecil Co., MD 301-658-5686.

TRUCKS & TRAILERS

Bulk feed truck 1971 IHC 671 Detroit 15 ton Clark body, new tires, good condition. Call Jordan Russo 401-364-7712 $9500 firm.

We will make any size trailer or gate to suit your needs. 14,000 GVW gooseneck trailer 8'x16', $2750. 10,000 GVW 8' x 16' trailer, $1100. Or a 10' steel gate, $85. 12'-$100, 14'-$120. Call Ivan High at 717-345-6328.

Cattle truck, 1977 dodge, 14' body w/wench, $6800. 607-722-7247 days.

1982 Ford TW10 tractor w/cab, air and heat, dual tires, only 670 hrs., 16" 5 btm. plow, 14' disc harrow, 510 MF combine and grain drill. 609-589-1221 after 5 PM.

Like new 1979 IHC 1800 heavy duty dump truck, 5 spd., 2 spd., 10.00x20 rubber, 16' Snyder Built steel dump body w/twin hoist, ideal for grain, 7300 orig. miles, asking $14500 or will sell dump body separately for $4250. 201-369-4784 eves.

TRUCKS & TRAILERS

For Sale - IH 2000D grain truck, 600 bu. cap. Air tag axle, 22 ton hoist, good cond., Warren Co., NJ 201-753-5313.

1964 Mack B61 tandem tractor, 711 motor, 5+3, good shape, $4000. Bucks Co. 215-297-8354.

1963 Diamond-T, P-5000, 16' stake, 45,000 GVW, 5+2, ps, 63,000 miles, 10.00x20 tires, clean, 1965 Mustang, 301-329-6842 eves.

For Sale - '64 Int. 1800 truck, 14' Omaha grain dump, 5x2 transmission, 2 spd. rear, 900x20 tires, 23000 GVW. 717-933-8134.

1983 Ford F250 3/4 ton front wheel drive, 4 speed, 351 V8, Candy Apple Red, 8600 GVW, regular gas, heavy duty rear end and springs, suitable for pulling gooseneck trailer, four LT235x85R16 radials, bumper and running boards, AM-FM radio, gauges, 4000 miles, like new, under warranty, $10,750. 315-364-8077.

PICK UPS

1982 Chevy C10 Shortbed Custom, 6 Cyl., St. Shift, PS, AM-FM, 11,000 Miles, Gauges, Cap $7495

1982 Datsun King Cab Diesel, 5 Speed, AM-FM Stereo & Cassette, PB, 17,000 Miles, Like New $6995

1981 Ford F250 Custom, 300 6-Cyl., 3 Speed, PS, PB, 21,000 Miles $6995

1981 Chevy C10 Custom, 305 V8, Auto., PS, PB, AM Radio $6995

1981 GMC Sierra 305, V8, Auto., PS, PB, AM-FM, Chrome Rails, 2 Tone Red & White $7495

1980 Chevy El Camino Royal Knight, 4.4 Liter V8, Auto., PS, PB, AM-FM Stereo, Tilt Wheel, Cruise Control, 2 Tone Black & Silver, 31,000 Miles $6995

1980 Ford F250 Super Cab, 351 V8, Auto., PS, PB, AM Radio, 2 Tone Brown & Tan, 33,000 Miles $7995

1980 Ford F350 Ranger XLT Camper Special, w/Dual Wheels, 400 V8, Auto., PS, PB, Dual Tanks, 10,000 GVW, 2 Tone Brown & Tan, 30,000 Miles $8995

1979 Datsun, 4 Cyl., 4 Speed, AM-FM, 30,000 Miles $4695

1979 Ford F150 Custom, 300 6 Cyl., Auto., PS, PB, AM Radio $5795

1979 GMC Sierra, 305 V8, Auto., PS, PB, 29,000 Miles $5995

1978 Ford F350 Ranger Camper Special, 460 V8, Auto., PS, PB, Air Cond., AM-FM & Tape, Dual Tanks $7495

SUBURBANS

1981 GMC Sierra Classic, 350 V8, Auto., PS, PB, AM Radio, Rear Heater, 2 Tone Paint, 26,000 Miles $8995

1980 Suburban 4-Wheel-Drive ¾ Ton, 350 V8, Auto., PS, PB, AM Radio, Lockout Hubs $8495

STAKE BODY

1973 GMC 500 Stake Body, 350 V8, New Short Block, 4 Spds., PS, 18,500 GVW, 12' Body $3995

DUMP TRUCK

1975 Chevy C65 8 Ft. Dump, with commercial size plow, 427 V8, 5 Speed, 2 Speed Rear, 10x20 Tires, 28,000 GVW $8995

VANS

1981 Ford E100 Econoline, 6 Cyl., Auto., PS, PB, AM Radio, Dual Tanks $6895

1979 Dodge B200 Panel Van, 318 V8, Auto, PS, PB, AM Radio $5495

1979 Dodge B200 Maxi Cargo Van, 360 V8, Auto., PS, PB. .. $4995

1977 Chevy Short Wheel Base Window Van, 5 Pass., 350 V8, 3 Speed Standard, PS, PB, AM-FM & 8-Track $4295

1972 Chevy Camper Van, with Pop Top, Stove, Refrig., Sink, Air Cond. $3495

4 WHEEL DRIVES

1980 Suburban ¾ Ton, 350 V8, Auto., PS, PB, AM Radio, Lockout Hubs $8495

1980 Chevy Scottsdale C10, 350 V8, Auto., PS, PB, Air Cond., Lockout Hubs, 2 Tone Red & Maroon $8495

1980 Chevy Blazer, 6 Cyl., 4 Speed, PS, PB, AM-FM Stereo, Lockout Hubs $8495

1979 Chevy C20 Cheyenne, 350 V8, Auto., PS, PB, AM Radio, 2 Tone Green & White $6995

1978 Subaru Brat, 4 Cyl., 4 Speed, AM Radio $3995

1978 Ford F250 Crew Cab, 351 V8, Auto., PS, PB, AM Radio, Lockout Hubs, Toneau Cover, 48,000 Miles $7995

MOTOR HOME

1980 Winnebago Brave, 26' Motor Home, Loaded, 15,000 Miles....

$24,900

MIKE RHODES & CO.

"THE TRUCK PEOPLE"

Rt. 663 & Swamp Pike, Gilbertsville, Pa.

Area Code 717 or 215 Call Toll Free

1-800-362-7655

or 215-327-1380

WE ARE NOW AUTHORIZED OLDSMOBILE DEALERS!

TRUCKS & TRAILERS

Wanted - Trucks and Storage trailers. We also buy trucks for parts and truck parts, motors, trans. and rears. Gas or diesel. Berks Co. 215-944-9871.

5 ton army truck dump, tandem all wheel drive, 11.00x20 tires, 5 speed trans., hi-lo range, $4600, 609-769-3183.

For Sale - 10' wood livestock body. 20' Morgan van body. 20' van body. M.H. Eby, Inc., Blue Ball 717-354-4971.

For Sale - Used combine trailer, some with expandable sides to 12 ft. and power tail gate at a fraction of a new cost. Will do some bordering if needbe. 814-623-9696.

'75 Morgan 30' van trailer, side door, 717-627-3839 or 626-6904.

'72 Freightliner truck, 350 Cummings, just overhauled; '78 utility reefer. 717-532-7721.

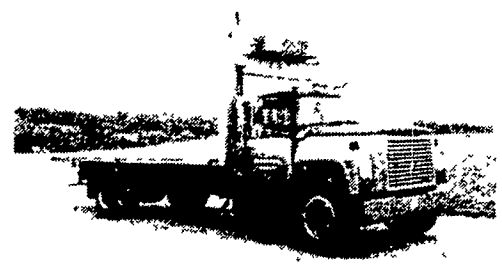
Wanted - Trucks and Storage trailers. We also buy trucks for parts and truck parts, motors, trans. and rears. Gas or diesel. Berks Co. 215-944-9871.

5 ton army truck dump, tandem all wheel drive, 11.00x20 tires, 5 speed trans., hi-lo range, $4600, 609-769-3183.

TRUCKS & TRAILERS

Schwartz, double drop deck, 42' trailer. Excell. shape, 6 of the original 8¼x15 18 ply tires, heavy duty outlitters and winch.

215-756-6708



'76 IN 1850, 3208 Cat. recently overhauled, 5x2 trans., 22' aluminum flatbed with high bulkhead, 33,000 GVW.

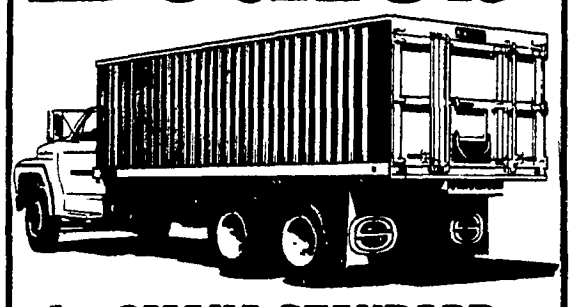
717-684-2228 or 285-3628

TRUCKS & TRAILERS

*1981 B-350 Van, 9000 GVW
*3-1980 Colts, auto. and 4 speed Special price
*1979 Volari 2 door coop, 6 auto; like new
*1976 VW Rabbit
*1981 Escort GLX, air
*1977 Diplomat, 44,000, very nice
*1982 TC3, 2 door, 1 owner
*1980 Chevy Citation Coop, 15,000 original miles
*1976 Pontiac Astra Wagon, low miles
*1978 D100 Pickup, 1 owner
*1978 Omni, 4 door

PETTICOFFER DODGE, INC.
Route 230 East Next to Shopping Center
Elizabethtown, PA
PHONE: 717-367-1808

Aluminum Bodies



by OMAHA STANDARD

Backed by more than 60 years' experience in truck body manufacturing, this is the aluminum body that sets the standard for the industry. With 92¾ inches of unobstructed inside width, this rugged, lightweight body lets you haul more grain or bagged or palletized commodities and save fuel doing it.

With 60" or 72" high, vertically corrugated, splice-free sidewalls, three-piece full opening rear doors, swing-out header, tarp bows, built-in ladders for tarping convenience, trailer-type aluminum flooring and "I" beam cross members, this body's built for rugged field work and continuous road hauling.

FARMERSVILLE EQUIPMENT INC.

RD 4, East Farmersville Road
Ephrata, PA 17522
Located in the Village of Farmersville, Lancaster County
717-354-4271

Omaha Standard

REAL ESTATE

Little Falls 200-+ acre farm, remodeled 4 bedroom house, tie stall for 60 head. Bare or equipped. Free brochure and details on other property Listings in Mohawk Valley; Jennie Bauder Real Estate Broker, Box 282, W. Main St., Nelliston, New York 13410, Phone 518-993-2065.

70 acre farm and home, investment property, west end of Chambersburg, PA. Pasture, tillable land, creek, farm pond, well, sewer line. Owner 717-263-4705.

House farm for rent - Lewistown, Mifflin Co area, new barns with fourteen boxstalls, water inside. Two bedroom house with 1½ bath. 302-737-7497, with riding trails.

Farmette - 10 yr. old house with 12½ acres land, approx. 4 acres of fruit trees, 4 acres Spruce and Pine, pond, woods, Mansfield PA, 717-662-3381, Tioga Co.

FOR SALE BY OWNER - Poultry farm (excellent condition), located on approx. 14 A. Juniata Co. 344' cage layer 15,000 cap., 3-story block pullet raising facility, 11,000+ cap., nice home (well insulated 2-story 3-bedroom). Yearly income $30,000. Presently operating with contracts. Partial financing at 5% ($20,000) price $85,000. 717-463-2393 or 717-837-3131.

For Sale - Approx. 91 acre farm, 50 acres tillable, balance pasture and timber, w/large pond, stream through property, remodeled farm house, 3 bedrooms, 1½ baths, barn silo, milk house andotter buildings, 2½ miles southeast of Everett, PA, Bedford Co. For information 814-652-9344 or 276-3272.

RESPONSIBLE MARRIED C O U — PLE LOOKING FOR HOUSE WITH SEVERAL ACRES TO RENT IN Lititz - Manheim - Mt. Joy area. References. 717-354-7875.

New York State near Clyde, 86 acre farm, 10 room house, needs work, trailer set up, excellent barns, 40 acres choice fruit, 40 tillable (equipment) $70,000. owner finance. For appt. Ron Vitticore, Broker after 5 p.m. 315-923-5651.

REAL ESTATE

EASTERN POCONO MOUNTAINS MONROE COUNTY - 19 acres with 8 newly renovated year around apartments and cottages. Pond, 2 streams, black top roadways, landscaped. Between E. Stroudsburg and Bushkill, 1 mile off 209. Call 717-588-6350 eve.

FREE CATALOG! Describing numerous Pennsylvania farms, camps, acreage tracts, cottages, homes and businesses. Write Dept. LF, WEST REAL ESTATE AGENCY, INC., 5528 William Flynn Highway, Gibsonia, PA 15044.

400 acre dairy farm on Lake Ontario - 2 sets of excellent bldgs. $200,000 Owner will finance. John G. Weiler, Three Mile Bay, NY 315-649-2455.

Wanted - Old barns and other out buildings, will pay cash. S & T Salvage 717-456-7583 RD#3, Box 80 Delta, Pa. 17314.

Montg. Co. East Greenville PA. Picturesque 31½ acre farm joins golf course, air strip, stone colonial, walk in F.P., random width floors, original log cabin deed to 1683, windmill, barn for steers or horses, stream, 3 acre woods, alfalfa, oil gas lease, $198,000 by owner, 215-845-7845.

Farm For Sale by Owner 150 acres, 45 stall barn, barn cleaner, 1 silo, heifer barn, horse barn, house (6 rooms and bath), 2 drilled wells. Wayne County, Pa. Write P.O. Box 33, Lake Ariel, Pa. 717-698-5601.

For Sale - Center Twp. farm, Berks Co., over 50 acres, $135,000. House, barn, pond, tillable acreage, some woods. Strout Realty 215-562-2521 or 215-488-6451.

3 acres of ground for sale, about ¼ mile from town limits. 302-284-9327.

16 acres, home barn, by owner, Box 60, Millington, MD 21651.

REAL ESTATE

265 acre NY dairy farm, bare. Barn holds 40 milkers, silo, 11-room house, new combination furnace. $100,000. 315-629-4148.

Wanted to rent - farm, responsible, experienced couple wants to rent farm of reasonable size. Long term lease, possible option to buy. Maryland or southern PA, days 301-972-8626 eves. 301-349-2167.

Shenandoah County, VA, 150 acres, 60 acres pasture, 50 acres woods, 40 acres tillable, 3 BR house, barn, machine shed and other buildings, $1000/acre. 703-477-3726 evenings.

111 acre grain and stock farm, 90 A tillable. 1 mile frontage, pond, fenced pasture, 2 wells, 14 room Federal house, bank barn, $5000 A Central Chester Co., 215-486-0460 after 6 p.m.

375 acre dairy farm for sale - all conveniences. Nice home. Bradford County. 717-364-5529.

PERRY COUNTY
General STORE and adjoining home. Profitable business, updated equipment. Lovely rural community. Ideal for family.
HOME OR HUNTING CAMP on 5½ private acres, 5 BR rancher, not quite finished. Wood furnace, priced well below value at $35,000.
WOODED ACREAGE
8.9 acres, trailer O.K., $18,000
4.9 acres, stream $8500
Neil Wingenroth, Agent
717-536-3236
MORROW REAL ESTATE
New Bloomfield, PA
717-582-8616

Lots for sale w/underground TV cable, telephone, lights, w/blacktop road w/township maintenance, in Columbia Co., perk approved for conventional septic systems, also acreage perk approved. 717-683-5220.

PENNA FARMS
CUMBERLAND CO.

127 acre general, 102 crop acres, bank barn, frame dwelling, needs repaired.

20 acre dairy farmette, 8 tie stalls, silo w/feeder

FRANKLIN CO.

124 acre general, 95 tillable, plus buildings. 2 story frame dwelling, bank barn.

91 acre dairy. Owner financing

PERRY CO.

126 acre general, restored 2 story brick dwelling, beautiful location

Charles Wenger, GRI, 263-0945
George Ebener 249-4979
Wilbert Diehl 258-3231
GEORGE L. EBENER & ASSOCIATES REALTORS
139 W. High St., Carlisle, Pa.
Ph. (717) 243-6195

JUNIATA COUNTY

Port Royal - 33 acres of deep, level stream terrace soil with 3 bedroom 2 story house, bank barn, Quanson shed and other out buildings all in good shape Ideal for intensive type farming or subdivision **$120,000**

Mifflintown R.D. 1 -175 acre farm. 83 acres fenced in pasture, 16 tillable and 76 in woodland with some timber 2 story, 4 bedroom house and small barn in need of some repair Stream **$120,000**

Mifflintown R.D. 2 - 30 acres of fenced open land with stream and 3 bedroom 2 story part log remodeled house 3 fireplaces **$55,000**
house and 3 acres **$38,000**

McAlisterville - Juniata Forest Association - 10+ acre gently rolling woodland at base of Shade Mountain adjacent to state game lands Stream, roads and underground electric **$1200** /A Owner financing available.

Mifflintown R.D. 1 - Juniata River front furnished cottage 4 bedrooms on 1¼ acres Bath house & screened in patio & porch public water **$27,900**

MARLIN H. FIELDS REAL ESTATE
2 North Main St , Mifflintown, Pa. 17059
717-436-8839
Evenings
Don Bashore 717 436-9213
Sherlyn Mosebey 717-463-2666

REAL ESTATE

BERKS COUNTY

New Listing...
22 acre farmette w/additional income of $400 per month. 3 bedroom house, barn, large chicken house. Located 3 miles southwest of Reading.

20 acres with income, double home, frame bank barn, chicken house. Located approx 5 miles East of Myerstown.

LEBANON COUNTY

79 9 acre general farm N.W. of Lebanon, large remodeled house with modern conveniences, frame bank barn, along Quarry Road.

148 acre hog farm. east of Fredericksburg. House with modern conveniences.

PERRY COUNTY

60 acre general farm (near Blaine), no dwelling, barn, $75,000.

110 acre - general farm - near Loysville, frame 3 bedroom house with modern conveniences, barn, chicken house and sheds, 60 acre tillable, pasture and woodland House vacant, $125,000.

NORTHUMBERLAND CO.
Near Pillow

16A approx. 10A tillable ¾ A asparagus, 4 BR vinyl sided dwelling 60 x 90 Husky built clear span metal sided pole shed 36 x 124 metal frame plastic roofed green house w/2 LP gas furnaces. All bldgs only 4 years old A very desirable small property, $85,000

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REAL ESTATE BROKER
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Office Phone (717)-859-1004 — 24 hr. service
or
Paul Musser 717-733-8107
James Marsh 717-529-2678
Milton Huber 717-299-5136

CENTRAL PENNA. FARMS

CUMBERLAND COUNTY

25 acre dairy farmette, new 2 story brick house, 50 comfort stalls, 2 silos, new implement shed. Call Mr. Niesely.

JUNIATA COUNTY

15 acre wooded tract along Rt. #75. Call Mr. Crawford.

20 acres woodland, 2 streams, near state game lands and Juniata River, Call Mr. Crawford.

100 acre grain farm (73 tillable, 27 timber). Nice stream, secluded, no bldgs. Call Mr. Benner.

42 acre general, 2 story log home, barn and other bldgs. Excellent turkey and deer hunting. Near state game lands. Call Mr. Benner.

5½ acres wooded, ½ hard, ½ X-mas trees. (Reduced). Call Mr. Bitting.

7.3 acre farmette, modern 2 story frame house w/attached garage, small barn and other buildings, stream thru pasture. Call Mr. Benner.

PERRY COUNTY

37 acre farmette. Remodeled 2 story brick house, bank barn, silo and other out buildings. Blain area. Call Mr. Bitting.

68 acres open land, no buildings. Blain area. Call Mr. Smith. (Price Reduced)

70 acre general - 2 story frame house, bank barn and other buildings. Call Mr. Bitting.

JOHN B. NIESLEY REAL ESTATE
32 West High Street
Carlisle, Pennsylvania 17013
717-249-8787

RICHARD B. CRAWFORD - 717-734-3873
CLAIR R. BENNER - 717-444-2162
EARL I. STERN - 717-748-7376
GREGG R. BITTING - 717-789-3368 or 789-4513
STEVE E. ORRIS - 717-789-3368 or 789-4177
CHARLES D. SMITH - 717-789-3125

REAL ESTATE

90 acre farm for sale within Mennonite area. 25 acres in rye, rest could be farmed. Robert Hopkins, owner. Penn Yan, NY 315-536-8092 between 6-7 AM

For Sale By Owner- 360 acre dairy farm, 155 acres tillable, 95 tie stalls on pipeline, 1000 gallon bulk tank, heifer barn, attached machine shed, two 20x50 silos with unloaders, good 10 room house, 2 bedroom trailer, located in Central New York, $135,000, write to Lancaster Farming, PO Box 366 J-274, Lititz, PA 17543.

Columbia Co. restored brick farmhouse, dated in the 1800's, solid cherry kitchen, large barn, shed, w/80 plus or minus acres, lots of closets, sand and gravel pits state approved, must be seen to be appreciated. 717-683-5220.

Beef or horse farm, barn, slaughter house, approx. 20 acres pasture with stream, 45 tillable, beautiful ranch home, 3 bedrooms, 1 and ½ baths, full basement, 2 car garage, location south of Wellsboro, owner will partially finance 717-724-7466.

Small home, suitable for retirement, beautiful 6 acre lot, trailer with basement, living room, and den addition, spring water and good septic system, barn and garage with shop overhead, located 6 miles south of Wellsboro on Rt. 287, 717-724-4904 or 724-7466.

Farm for sale - 100 acres prime land, near PA line, suitable for dairy, beef or horse farm, owner financing. 301-658-5877.

For Sale by owner - Beautiful remodeled 4 bedroom farm house, custom oak kitchen, wall to wall carpet, dining room, living room and TV room w/fireplace, large garage in basement, oil baseboard heat and wood stove, beautiful view on 8½ acres, outbuildings include 2 large poultry houses 30x120 two story that could be used for other purposes also, must see to appreciate, reduced for quick sale. 717-582-2352. 717-582-2358 Perry County.

284 acre farm for sale, large barn, 64 stanchions, box stalls, heifer shed, 24x70 silo, bulk tank, corn barn, machine sheds, 160 acres tillable, 30 acre pasture, balance woods, silt loam soils, 2 large houses, 20 miles north of Williamsport, Lyc. Co., Jacob Esh, Trout Run, PA 17771.

Farm for sale by owner. Operating dairy. Would make ideal horse farm. Double 4 parlor, 2 barns, corn cribs, shed. 4 bedroom stucco house on 47 acres. Additional 35 acre field w/stream. Plenty road frontage on both tracts. 3 miles off I-95. 301-734-6088.

Beautiful working horse farm, 50 acres, steel buildings, modern apartment. Owner retiring. Make offer. Phone eves. 609-466-3426.

Rent farm - 35 acres, Airville, PA, 3-bedroom house, barns, pasture, stream, clean, references, 301-329-6842 eves.

Farm for sale - 75 acres, 60 tillable, bank barn, frame house, other buildings. Located in Path Valley 2 miles from Willow Hill Exit PA Turnpike, priced to sell, 717-349-2393 or 717-349-7752.

Juniata County - 8 acres wooded, 1 acre cleared with well. Leola-Industrial on 2½ acres suitable for light industry or storage, loading dock. For information call 717-656-2281, evenings 717-392-1949, ask for Ralph.

28 acre farmette, modern masonary home, bank barn, farm pond, $69,000. Juniata County 717-436-8707.

---

70 Acre Farm, 36 ac. tillable, 25 ac. wooded, 4 homes, garage and 40,000 capacity broiler operation on 9 ac., additional home available. Reduced to $220,000.

Chicken Breeder Farm, 2 breeder houses, fully automated, 13,200 capacity on 9+ acres, 3 bedroom home. $190,000.

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SMALL SHOWPLACE OPERATION: first time offered in 50 years! Crisp white barn accented by evergreen stands enhance this 45 stanchion barn with new milkhouse, cleaner, 16x50 unloading silo and 7 bay machinery shed. Stately 200 yr old 4 bedroom colonial home with new kitchen. INCLUDES: 42 Holstein milkers, 3 large tractors and complete line of well-maintained machinery. PHOTO BROCHURE. $225,000. CALL WIMPLE'S SLOANSVILLE OFFICE: 518-875-6355.

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FERTILE LAND WITH GOOD BARN: 78 acres with 2 ponds and 16 acre woodlot. Rich silt loam soils. Good barn holds 40 head. Can be bought with good home for $51,500 or land and barn for $35,000 JUST LISTED! For appt. call: 607-865-6979 or WIMPLE'S SLOANSVILLE OFFICE: 518-875-6355.

ST. LAWRENCE VALLEY

TREMENDOUS MACHINERY LINE even includes self propelled I.H. combine. 297 acre farm being sold because of illness has 200 acres tillable loam soils. Barn will accomodate 70 head, has new pipeline, Badger cleaner to manure room, (2) 50' unloading silos, full length mow elevator. Many new features in 4 bedroom home. PRICED COMPLETE AT $245,000 with about $70,000 down MANY OTHERS. CALL WIMPLE'S GOUVERNEUR OFFICE: 315-287-4163

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PENNSYLVANIA FARMS FOR SALE

Lancaster County

Dairy and broiler farm: 100 acres with 85 acres tillable, Lansdale Loam soil, 36 comfort stalls, barn cleaner. Two 44'x360' two story broiler houses for 100,000 birds. 46'x70' implement shed, 20'x70' concrete stave silo, stone house, some assumable financing available. $450,000.

Dauphin County

Dairy and turkey farm: 139 acres, 100 acres tillable, Calvin Leckill Soil, 18 acres pasture, 21 acres woodland. Bank barn with 20 stalls to milk cows, loose housing for 65 head, 1000 gallon milk tank, 2½ inch stainless steel pipeline, 5 unit boumatic milker, trench silo, 5200 bu. grain bin, 40"x400' two story broiler house to raise 12,000 turkeys, 12'x60' mobile home.

2 story dwelling in fair condition. 2 story dwelling (4 years old) with hemlock siding, 4 bedrooms, 2 baths, 2 car garage, in excellent condition. An additional 500 acres for rent. Assumable mortgage available for qualified buyer. $500,000

NEW YORK GRAIN FARM

505 Acres, 390 tillable, Honeye Lima and Ontario Soils, 2 sets of buildings, 20'x80' H. Silo, 1 barn to fatten 1000 head of hogs second barn for 100 head steers, 10'x40' concrete silo, corn barn with implement storage. AVAILABLE IMMEDIATELY. Assumable Mortgage. JUST REDUCED $440,000

"MORE FARMS AVAILABLE"

Contact **Sheetz Real Estate**
323 West Main St., Mount Joy, Pa. 17552
717-653-1481

REAL ESTATE

Snyder Co., Chapman Twp., 130 acres general farm, approx. 100 acres tillable, 2 story frame dwelling, bank barn, outbuildings. Asking $1,000 per acre or best offer. Must settle estate. 717-374-8333. 215-822-3822

REAL ESTATE

2 Farms consisting of 120 acres of very fertile land, 2 sets of buildings for sale by the owner, John Strawbridge, 301-996-2022.

Farmette, 12.66 shares, for sale by owner. 717-259-9983.

FARM AVAILABLE NOW

120 acres, 20 mile from Carlisle, nice level fields, several ponds and stream for irrigating, large bank barn and house with all improvements, large mobile home on property, owner will offer financing. Call 717-249-1165 after 5 PM

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For confidential information call Mr. Long.

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540 consecutive acres, 300 tillable, all electric 3 bedroom home, large 2 car garage, also drive-in basement, built to suit owner who wanted a very very nice home in the country. Large pond with grove of trees nearby. Home lived in only 3 or 4 months, central location near several colleges and schools. Priced to sell at $235,000.

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(37-T) 146 acre farm South of Gettysburg, Pa. adjacent to Route 15. Large brick 2½ story home offering six bedrooms, 1½ baths, six other rooms and two enclosed porches, all in very nice condition. Metal implement shed and other supporting buildings. $189,500.00.

Call 717-642-5851

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Fairfield, PA

BIG INVESTMENT POTENTIAL N.Y. STATE

420 Acres - Picturesque S.W. New York Working Ranch and Recreational Unit

35/50 miles of Niagara Frontier (3 million pop.)
Remodeled 4 bedroom house — 90 ft. basement Barn — 7000 bale loft — excellent condition — tackroom attached. Former dairy-beef-horse breeding operation. 140 acres meadowland — 180 pasture — 100 woodlot. Plenty water — 2 creeks, 2 wells, 1 spring Box - Gas lease
$250,000 Owner Financing
Brokers - Realtors Invited
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SCHUYLKILL COUNTY

111 acre farm, located near Snyders, good barn and 7 bedroom house, large well drained fields, ideal for Christmas tree production, frontage along Route 309, excellent for roadside market, $186,500.

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All our farm agents own and operate their own farms
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Farm Salesman - Eugene Kreider

FRANKLIN CO. PA.

Modern dairy farm with 170 acres (130 tillable), bulk tank, pipeline with 4 units, automatic washer, upright silo and trench silo included with sale. Large bank barn with other outbuildings and modern 2 story brick house with country kitchen and fireplace. Stream borders property.

GARMAN REALTY
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717-264-7999

BRADFORD COUNTY

1440-K 64 Acre Farm - 22 acres creek flats with remainder rolling with southern exposure. Good barn with 32 wooden stanchions, machinery shed, milk house, grain bins, silo in poor condition. Large farmhouse in good condition. On hard top. $72,250.00.

Century 21
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- 6 Farmettes - Centre, Clinton & Huntingdon Counties.
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Please call or write for free detailed lists. See May 21 and June 18 issues for complete inventory.

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For Lease - outstanding 330 acre dairy farm in Southern Tier NYS. Harvestore and other silos, 70 cow barn and other buildings. 607-849-6097.

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Farm for Sale
221 acres, 58 stanchions, plus heifer pen, pipeline milker w/2" SS, 1000 gallon bulk tank, 3 silos. Overlooking Seneca Lake. Owner financing.
607-243-8669

157 acre dairy farm near Chambersburg with 110 tillable acres. Asking $180,000, unharvested crops included. Immediate possession.
VanCleve Real Estate
Phone: 717-392-3032 anytime

SHEEP OR BEEF FARM 171 acres in Nelson Township in Tioga County. app. 90 acres wooded, remaining pasture and tillable One boundry is NY state Older home needs repair, no septic or water to house. Taxes a low $450/yr Affordable at $79,500

RECREATION LAND near West Pike. 65 acres, 25 open, remaining all wooded Several springs, small brook Electric and drilled well Great hunting area $22,500

DAIRY FARM 243 acres 170 tillable, barn is 60x106, 3 silos, all loafing barns and storage shed in excellent condition Storage system for manure Large house, could be two family home Situate in Northern Tioga County $275,000

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REAL ESTATE

50-Acre Farm
Under $100,000
1,000 foot, hardroad frontage in Dauphin County. Ideal for growing dairy heifers or feeding steers. Land lays well; almost all tillable. Improved 2-story house. In-ground swimming pool with filter. New, drilled well.
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(717) 393-9791

FARMS FOR SALE
Near Rome New York
#1 - 210 level acres, 150 tillable, rest pasture and woods, ditch drainage. Barn for 35 cows, bulk tank, new c. silo, machinery shed. 4 bedroom house needs work. Exc. water. $70,00.
#2 - 295 rolling acres, 150 tillable, new 43 stanchion barn, bulk tank, pipeline milker, 2 silos, feed bin. Machinery shed, garage, exc. wells and ponds, house has had fire. $110,000.
We have farms to fill your needs.
A.B. Smith RE
Chittenago, New York 13037
315-687-3824

GETTYSBURG AREA FARMS
39 Acre Farm - With 5 wooded acres, a pond and a log home, 110 years old with a frame addition, a barn and a garage. The land offers excellent subdivision potential and affords a great view of the countryside. $93,000 (9628)
OPERATING DAIRY FARM - With 112 acres, dairy barn, bank barn, silo, pre civil war 2-story home with 4 bedrooms, lovely, quiet setting with buildings ½ mile back from road. $225,000 (10022)
ERA
MARSHALL L. MILLER, INC. REAL ESTATE
717-334-6283 or
Outside of Adams Co.
Call 1-800-443-2781, Ext. C-53

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32 acre farmette, 25 tillable, remodeled 3 bedroom home, garage, chicken house, $45,000. Excellent terms. Call Peter
Feed lot for 300 steers, 2 homes, (2) 20x50 and (1) 20x30 Harvestores, large shop, 100 acres, 70 tillable, $169,000. Additional 100 acres available. Call Peter
137 acres, new horse stable, butcher shop & machine shed, large bank barn set up for sheep, pasture w/pond, 60 tillable, $150,000. Call Peter
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400 acre vegetable or general farm, new machine shed, 2 large barns, irrigation ponds, exceptional home $500,000. Call Peter
Modern 450 acre beef & broiler set up, mostly all tillable, prime level ground, 2 homes, $800,000 Make offer. Owner wants to sell. Call Peter
62± acre general farm, 12 room home, coal or oil heat, bank barn, $75,000. Call Peter
25 acres, 12 tillable, 12 wooded, stream through, $37,000. Call Peter
Looking for another business? We have a restaurant that seats 500, grosses $800,000 per year. $859,000. Call Peter.
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SALEM COUNTY 85 ACRES
Gracious 1722 Colonial, Center Hall, 4 spacious bedrooms 1½ baths, 4 fireplaces, brick oven, and so much more. Several outbuildings including 33x72 pole barn. Owner is anxious. Would consider dividing. Priced to sell at $190,000 with owner financing possible ask for Linda Perez at
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95 acre secluded general farm w/good 2½ story insulated home, large barn and outbuildings, spring fed pond, 70 acres open w/level fields, hard road frontage w/building sites, 5 miles from town. $165,000.
42 mostly open acres, w/good 2½ story insulated farm house, large barn, stream, springs, secluded location, $81,500.
2.9 to 4.6 open and wooded rural septic approved building sites. $2200/acre. Financing available.

CUMBERLAND COUNTY
410 acres of Murril soil - 2 streams - facilities for beef and huge corn barn. Can be broken into smaller farms. Owner financing.
24 acre - very nice 2 story brick house w/2 baths, bank barn for beef.
37 acre w/6 yr. old one story frame dwelling w/about 1000 square feet mostly mountain land w/stream in back yard.
DAUPHIN COUNTY
93 acre general farm w/2 story frame house - 3 car detached garage and bank barn, etc. Only $155,000.
NEW LISTING - 33 acre farm, 2 story frame house, bank barn, near Gratz.
BROILERS
115,000 capacity operation, w/ranch style house and attached garage on 10 acres. Also large truck garage.
YORK COUNTY
173 acres - 70 t.a. Overlooking river, only $925 per acre.
CLINTON COUNTY
100 acre level limestone dairy. Very nice w/owner financing.
Ask about huge dairy operation "130" very nice and modern. Has everything!
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Sylvester Baum, Carlisle, 717-776-3967
Harlan Keener, Willow Street, 717-464-2669
Mahlon Oberholtzer, Lancaster, 717-392-1177
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Locust Level Farm. Big and Beautiful 315 acre beef or dairy farm, modern 3 bedroom home, lots of pasture, good well, good location, large barn, excellent financing terms, much more only $295,000.
Charleston Road 42.9 acre dairy or beef farm, large 2 story home presently used for two families, bank barn, pole barn, good well, spring, approx. 1400 ft. road frontage. Good location with owner financing asking $79,900.
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140 + Dairy Farm and Meat Market in Northampton County. Dairy buildings consist of 12 cow Herring Bone milking parlor with 2-1,000 gal. milk tanks, complete milk processing plant for jug milk with full line grocery and meat market store, also, a federal inspected slaughter house with all equipment plus portable smokehouse, 5 Harvestore Silos with automatic feeding system.
150 cow + free stall barn and all other equipment buildings. 5 living quarters — Colonial style main farm house with modern kitchen, oil heat plus 2 bathrooms, 2 apartments atop 3 car garage and workshop, 1 small house and trailer.
For information call 215-262-5976 between 9 a.m. - 6 p.m. No calls Sundays.

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Priced To Sell **FARMS & INVESTMENTS** Priced To Sell
DAIRY FARM REDUCED
92 large comfort stalls facing in, set-up for round hay bales, milking equip. w/energy saver and 1250 gal. Surge tank, 2" SS pipeline, 20x60 w/unloader, 5 bay machine shed, 16x34 shop, 28x50 heifer barn, approx. 225 acres about 140 tillable, bal. pasture and woods. More ground available. Was $195,000, reduced this week to $185,000. Motivation very high, seller wants out. Existing loans of approx. $140,000, may be able to be refinanced. M-452, PH: 717-662-2138.
NEW DAIRY LISTING
100 ± acre farm in Tioga Co. 36 large Hosltein ties, room for 22 heifers and more, 2 concrete silos w/unloaders, 600 gal. bulk tank w/dumping station. Nice 2 story remodeled 5 bedroom house, jsut $99,000. M-514.
JUST REDUCED
DAIRY FARM — 157 acre operating dairy farm, almost new barn, 46 stalls, S.S. pipeline, barn cleaner, 650 tank, 4 Delaval milking units. 15'x34' Seal Stor lease silo. Large machinery shed. 8 room partially remodeled house. Possible mortgage assumption of $115,000.00 Priced at $159,500 W-712 PH: 717-724-5921
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PERRY COUNTY LOTS

Shermansdale area, beautiful panoramic view, southern exposure for solar purposes, hard road frontage, Perk approved, all lots are over 1 acre, owner financing available at 9% interest, 10% off for cash, prices start at $7,783. For more details call

717-582-4365

anytime

SOUTHEAST PA

Large dairy farm, 200 acres tillable, 200 bu. corn to the acre, financing, pay interest only.

64 STANCHION DAIRY FARM

284 acres, 160 acres tillable, level for farming, 90 acres woods, 24x70 silo, 2 Agway machine sheds, large shed 120x36', 1,000 gal bulk tank, nice house $295,000.

NITTANY VALLEY AMISH AREA

112 acres general farm, limestone, 60 acres farmed, more can be farmed, 28 acres pasture, owner financing, $165,000

WHITE DEER AMISH AREA

Dairy farm - 213 acres, 130 acres tillable, balance pasture and woodland, 62 stanchions, space for 65 more, 133 freestalls, space for 300 head cattle, market store, ideal for 2 farmers, silos - 20x60', 21x60', 20x70' machinery sheds - 40x100', 25x65', 4 in all, for stock and equipment, inventory is taken

Donald R. Witwer,
Broker
Ephrata, PA
215-267-7963

FARM & WOODLAND FOR SALE

JUNIATA CO.

100 acre farm, 65 tillable, mt. stream, 8 room frame dwelling, lg. bank barn. $90,000.00.

23 acres wooded ridge land, secluded, excellent hunting. $17,500.00.

¾ acre, wooded, stream, road frontage, good hunting & fishing area. $3,500.00.

3½ acres woodland, stream, road frontage, elec., spring, good hunting and fishing area. $6,500.00.

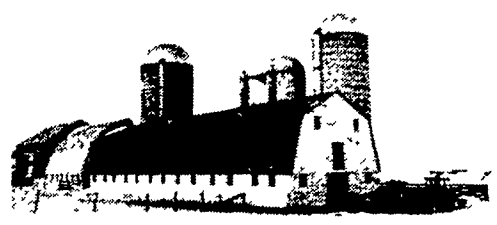
MIFFLIN CO.

10 acres mt. land, borders state land, secluded, excellent hunting. $8,000.00.

SNYDER CO.

1½ acres, wooded, elec., road frontage. $4,000.00

LARRY LONG REAL ESTATE
RD #2
Port Royal, Pa. 17082
Ph. 717-527-4784



LARGE SOUTHERN TIER DAIRY: STOCKED & EQUIPPED

Pride of ownership is reflected throughout this fine dairy set-up. Comes with impressive line of J.D and New Holland equipment and good producing Holstein herd of 92 milk cows, average age 4 years, 24 Bred Heifers, 67 Yearlings and started calves on DHIA test.

Impressive 296 foot dairy barn has 132 tie stalls brand new 3" Surge Pipeline, 3000 gallon Mueller tank, large calf raising wing, big box stalls, 30x70, 20x60 and two 16x50 silos really set up to make milk Two good houses plus mobile home and big equipment building

350 acres with 200 tillable most Mardin & Lordstown soils, 110 acres fenced pastures, small brook thru 2 large ponds, very low taxes Located in very active milk market Sure to please the family looking for a good large farm Bare price $285,000, stocked and equipped $585,000 Good financing available. For appointment or more detailed information call:

607-565-8261 607-565-8461

United Farm Agency
Tom Mullen, Broker
468 Penna. Ave.
Waverly, N.Y. 14892

LEBANON COUNTY...

★ **120 ACRES OF PRIME FARM LAND** ★
★ **ULTRA DAIRY OPERATION** ★

115 Free Stalls - Various Grouping Flexibility
Maternity & Calf Barn - Various Stall Sizes
Virginia Style Heifer Shed - 80 to 100 Capacity
8 Section Feed Bunk/8 Feed Combinations
10 Ton Grain Bin/8 Ton Concentrate Bin
Complete Mix Bin On Electronic Scale
Double 5 Milking Parlor/5 Stall Treatment Room
20'x60' Madison Silo w/Top Unloader
24'x80' Madison Silo w/Top Unloader
24'x92' Weaver Star - Sealed Air Bag, Bot. Unloader
12 Month Lagoon/1 Million Gallons
Workshop w/Heavy Duty Hoist
Extra Large 2 Unit Stone Home
Beautiful Remodeled Summer Home

THIS DAIRY OPERATION IS ONE YOU SHOULD CALL ABOUT AND TALK OVER PARTICULAR DETAILS!

RICH BRANDT REALTORS
2230 5th St. Highway, Reading, PA 19605
(717) 274-3622 - office - (215) 378-1122

NEW YORK STATE

87 acre farm, 26 stanchion barn with cleaner, other outbuildings, beautiful 3-4 bedroom house with oil and wood heat. Would make a good starter farm, hobby farm or horse farm, 15 minutes from Binghamton, a real classy place, must be seen $85,000.

MEL MANASSE
Licensed Real Estate Broker
Whitney Point, New York
607-692-4540

NORTHCENTRAL PA, POTTER & TIOGA COUNTY

GENTLEMAN'S FARM

Modern 3' bedroom ranch style home and 40'x140' 2 story barn. 158 acres w/85 ac. woods. Secluded setting on twp. road, mountain top views, southern expos., small pond. Only few miles from recreation dams. Priced at $95,000. C-975

OPERATING DAIRY

166 A. operating Dairy Farm. Approx. 70 + A. Till., 50 A. fenced pasture, & 35 A. wooded. 70 + cow barn & 2 silos. Like new, 2-story home. Needs a few finishing touches. Just reduced to $144,900. N.E. Potter Co. C-878

IDEAL LOCATION

13 acres within walking distance of Pine Creek & State Land. ½ mile off Rt. 6. All wooded, long views, quiet & secluded. $2,500 down, 12% int. for 5 yrs. Yours for $8,950. C-745

THE Real Estaters REALTOR
OF WESTFIELD
108 Main St. Westfield, PA 16950
OFFICE +14-367-2249
After 5:00

Bruce Batterson	717-724-2459
Jim Hepler	717-724-3717
Jim Smith	814-367-2305

SPRING IS FARMETTE TIME

Fish for Trout from your back yard, brick rancher on 2½ acres w/frontage along Middle Creek. Stone fireplace in living room, large family room, land 1 and ½ baths, a must sell situation. Owner transferred, just reduced $4000.

Lancaster Co., 18 acres including 3 acres of woods, fruit trees, grapes, etc. plus 24' x 40' storage fruit building, $61,200.

Lancaster Co., 11 acres, new horse barn, nice 2 story w/fireplace, $77,500.

Snyder Co., 15 acres, spring, stream, home, 2 car garage and nice view, $39,500.

Snyder Co., 3½ acres, rancher, fireplace, large garage, w/green house and over 200 young trees, $40,500.

SPECIAL MENTION!

Deer hunting or weekend retreat, ideal spot for a cabin, 40 acres mountain land, Mifflin Co., good spring near state game lands, $15,900.

LARGER FARMS

Near the Buck, 79 acres, 30 tillable, remaining in mature woods, priced at $2400 per acre.

Limestone Lancaster Co. farm worthy of your attention, full possession, steer, hog and veal operation, tobacco sheds also included. Very good buildings, excell. large colonial brick home. A fertile farm at $4300/acre.

Juniata Co., 140 acres, off of Rt. 322, $165,000.

York Co., 135 acres, top corn yields and nice stone home, $298,900

York Co., 51 acres, quiet setting, near Norman Wood Bridge, $142,500.

CALL FOR DETAILS

KINGSWAY REALTY
REALTORS
1770 Oregon Pike
Lancaster
Phone: 717-569-8701
or Ephrata 717-733-3344
REALTOR

Farmette: 15.9 acres, 4+ acres newly fenced pasture, 6+ acres, alfalfa Timothy 2nd year, 1/6 acre (or 120 stalks) blueberries, balance woods; 3 bedroom semi-renovated house with coal furnace, new Cherry kitchen, Jenn-Aire stove, Prizer cook stove, spring fed; barn, large building for shop or produce sales, misc. out-buildings; fully developed building site with 10x40 2 bedrm. trailer, 8x20 screened porch, drilled well for barn and trailer; small stream in valley 1 mile from Rtes. 11 and 15, Snyder Co., 717-374-4337 after 4 p.m.

SELLING YOUR FARM?

SANFORD G. LEAMAN
ASSOC. BROKER
and
AUCTIONEER

AUCTION OR BROKERAGE?

It is your option when you call us. We will explain both plans and then you choose. No obligation.

NEW LISTING

NORTHUMBERLAND COUNTY

Amish farm, 83 acres, 80 tillable, 2 houses, harness shop, dairy barn, silo & milk house Priced under $170,000 Fall possession or spring of '84. In high state of cultivation.

Adjoining neighboring farm with 2 lg. silos, brick house and dairy barn, 42 acres for less than $135,000.

LANCASTER COUNTY

114 acre modern dairy w/12 unit milking parlor, 2 large Harvestores and 2 large cement stave silos all w/unloaders, room for 180 cows or more in the modern freestall barns, large Harvestore Slurry and 1500 gallon bulk milk tank See it today, w/possession to suit your schedule Lots of road frontage, large pond and modern ranch house Priced just over $3,800 per acre

ADAMS COUNTY

75 acre modern dairy farm, 20x70 stave silo w/unloader, 6 bedroom modern stone home, 50 stall barn, pipeline, over 1 mi road frontage, $240,000.

DAUPHIN COUNTY

36,000 broiler plus hog farrowing operation on 54 acres. Ideal for steers, horses. Sits nice and owners could help finance to the right party. $300,000.

MONTGOMERY COUNTY

50 acres prime development land with modern 1½ story, 5 bedroom stone home. Close to industry, shopping and within 5 mi of two country clubs.

LEBANON COUNTY

107 acre dairy and hog or could be a steer set-up - your choice on a very productive farm. You have the opportunity of restoring an early log home or modernize it The location is ideal and there is great potential. Call for price and financing details

CUMBERLAND COUNTY

75 acre modern dairy with silo and unloader, barn cleaner, pipeline and implement shed, lg. modern dwelling, limestone soil in high state of cultivation. Buy this one and get a 3 yr. rental with first right of refusal on another farm that would give you a total of 135+ acres. Call today

YORK COUNTY

Reduced $10,000 A great savings and ready for you to take possession and farm the land today This farmette is a great place to rear your family in the Northern School District. Now enjoy life & the peace and quiet in this country setting Priced under $100,000. See it today, live in it tomorrow

NORTHUMBERLAND COUNTY

Excellent grain, beef, dairy, and chicken farm. Develop it to your liking or desire. 3 bedroom, modern brick dwelling. 100 acres tillable with 100+ bu. per acre corn production. Price reduced and help in financing!

If you are thinking of buying or selling a farm or farmland call Sandy today. He will be glad to serve you in any county.

ERA
HIGH REALTY CORP.
1837 William Penn Way
Lancaster, Pa. 17601
717-569-4264 656-6834 Home

A High Industries, Inc. Company

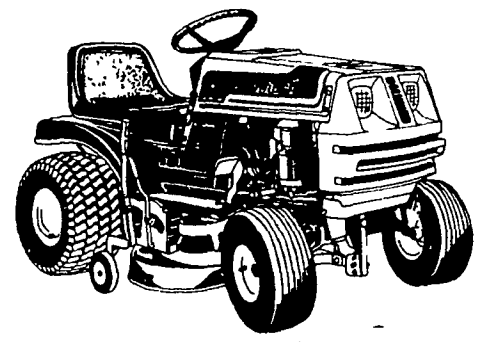
CENTRAL TRACTOR FARM & FAMILY CENTER

JUNE DAIRY MONTH VALUES

VISA MasterCard

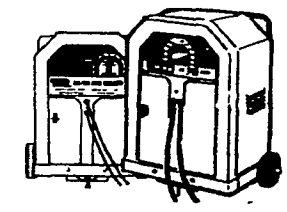
Hurry!

Sale prices good now through Sat., June 18, 1983



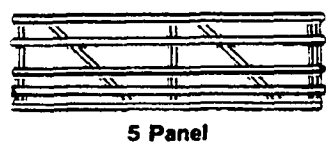
999.99
Reg 1199 99 / SAVE $200 00
36" Rear Discharge 22546-258
Dynamark 11 Hp. 6 Speed Tractor
Synchro-balanced engine, key ignition, electric starting, sealed beam headlights, and a heavy duty Transaxle with disc brake & automotive differential section 6 forward speeds, 1 reverse Available with either a 36" rear discharge twin blade cutting deck, or a 42" side discharge triple blade deck

929.99
Reg 1029 99 / SAVE 100 00
22843-258 Side Discharge
Dynamark 11/36 3 Speed Rider
Heavy duty direct drive transaxle with automotive differential section & disc brake 3 forward speeds 1 reverse 36 cutting deck



139.99
18040-115
Lincoln 225 Amp Arc Welder
Includes ground clamp Insulated electrode holder 15 electrode cable 10 ground cable 6 input cable with plug, female receptacle and helmet Uses 220 volt 60 cycle power source Wheels not included AC/DC Lincoln 225 Amp Arc Welder 18121 115
Reg 293 99 NOW 273.99

Barn Door Track
For doors weighing up to 400 lbs Heavy galvanized coating 16 gauge steel 13¼" wide 2¼" high
8 Ft. 24969-224 Reg 17 49 **13.99**
10 Ft. 24970-224 Reg 21 99 **17.99**
12 Ft. 24971 224 Reg 25 99 **20.99**
Door Hangers 24977 224 Reg 22 99 pr **18.99**



5 Panel
STEEL GATES
48 high gates with panels made of heavy 22 gauge galvanized steel Gates are 4 shorter than listed to compensate for hinges and latch Complete with screw hooks hinges and slide latch
10' 17686-253 Reg 48 99 **40.99**
14' 17678-253 Reg 58 99 **48.99**
12' 17687 253 Reg 53 99 **44.99**
16' 17677 253 Reg 71 99 **59.99**

12.77
Reg. 14 99 / SAVE 2.22 19254-143
5/8"x75' Deluxe Rubber Vinyl Hose
This top quality hose combines the strength and durability of rubber plus flexibility of vinyl Reinforced with nylon truck tire cord The couplings are nickel-plated solid brass 5/8" diameter 75 ft long

109.99
Reg 124 99 / SAVE 15 00
22910-258
20" 3 H.P. Rotary Mower
20 Side Discharge 3 H P Briggs & Stratton engine with and extended recoil starter handle mounted throttle control with non-kink cable and a 1" to 3" height adjustment Wheels are 7" with diamond tread tires

1399.99
Reg 1599 99 / SAVE 200 00
22745-258
Dynamark 16 Hp. Tractor & 42" Mower
Includes 42 triple blade mower deck, twin cylinder Synchro-balanced Briggs & Stratton engine electric start 4 speed Transaxle

1699.99
Reg 1899 99 / SAVE 200 00
22654-258
Dynamark 18 Hp. Tractor & 42" Mower
Includes 42" triple blade mower deck, twin cylinder Synchro-balanced Briggs & Stratton engine electric start 4 speeds forward 1 reverse Optional ground engaging equipment available (plow disc cultivator etc)

1349.99
Reg 1449 99 SAVE 100 00
22868 258
Dynamark 11/36 Integrated Collector
11 H P Synchro-Balanced B & S engine 36 twin blade rear discharge cutting deck H D transaxle 3 speed fwd 1 rev

184.99
Reg 194 95 / SAVE 9 96
17980-106
½ Horsepower Air Compressor
10 gallon tank, 3 4 CFM displ 2 2 CFM at 40 p s i Dial-O-Matic control with easy to read gauge enables you to dial the pressure desired-no additional regulator needed
15' Air Hose 17791-106 5.99

429.99
Reg 449 95 / SAVE 19 96
12864-106
2 Horsepower Air Compressor
This compressor matches a big 2 hp electric motor a big twin compressor with an output of 7 8 c f m at 40 psi and a 22 gallon tank Has many of the features of a big stationary unit, yet it is as portable as the ½ hp unit
15" Air Hose 17791 106 5.99

55¢ each
Reg 75¢ / SAVE 21%
17895-130
Steel Rod Elec. Fence Posts
48 long made of ¼" steel

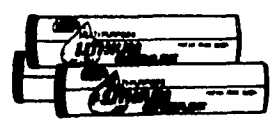
Central Tractor Wagon Gear
Featuring one piece steering rod all-welded construction rear hitch and pressure type grease fittings Bolster stakes can be set at 38" or 42" width Gear capacities are gross weight at farm tractor speeds All units comes less tires
8 Ton 80772-046 Reg 479 99 **439.99**
10 Ton 80780-046 Reg 569 99 **529.99**

22.99
Reg 24 99 / SAVE 2 00
13998-272
35 Lbs. Lithium Grease

4.77
Reg 5 99 / SAVE 20%
9854-069
Grease Gun

19.49
Reg 21 99 / SAVE 2 50
5 Gallon 13983-272
CT Lube Universal Hydraulic Oil
A universal hydraulic fluid which is recommended for tractors with a common sump for transmission final drive, and hydrulic systems

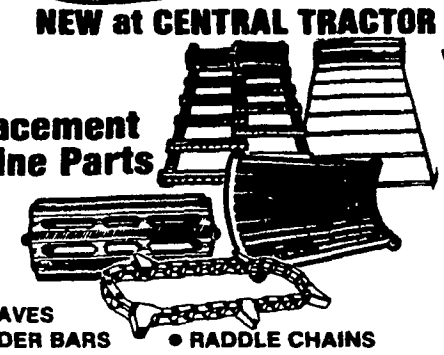
SAVE up to 5.39
Galvanized Steel Wire
Smooth galvanized steel wire for use with electric fence chargers
17 ga. ¼ mi. 19102 150 Reg 10 47 **7.88**
14 ga. ¼ mi. 19112 150 Reg 21 88 **16.49**



65¢
13999-272
Grease Cartridges

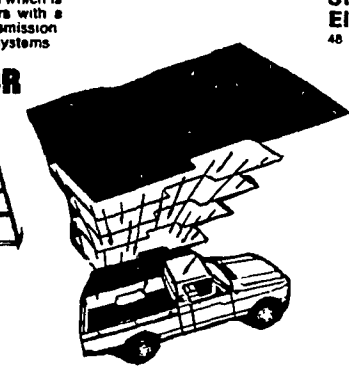
NEW at CENTRAL TRACTOR

Replacement Combine Parts



- CONCAVES
- CYLINDER BARS
- RADDLE CHAINS
- FEEDER CHAINS
- GATHERING CHAINS
- GUARDS & SECTIONS

Stop in at your nearest Central Tractor Store for our low quotation for prices and availability by Make and Model All orders shipped direct from factory Allow 2-3 weeks for delivery



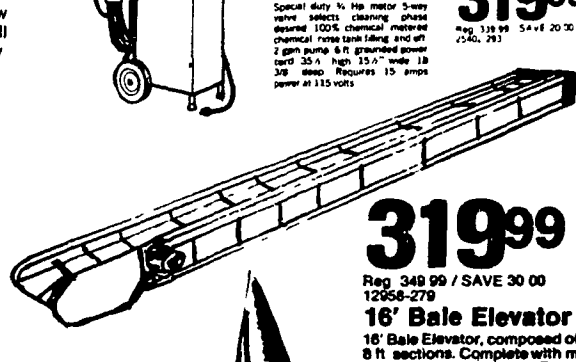
59.99
Reg 69 99 / SAVE 10 00
FULL SIZE:
Chevy, GMC . . 24763-217
Ford 24771-217
Dodge . . 24768-217
MID SIZE: Reg. 59.99/SALE 49.99
Chevy S-10 24795-217
Ford Ranger . . . 24808-217
Pickup Bed Mats
½ Rubber mat keeps your load from shifting and prevents damage to the truck bed Will not chip or crack unless abused and is not affected by weather extremes Easily installed

22.99
Reg 26 99 / SAVE 2 00
24703 282
4 Pt. Gaucho Barb Wire

29.99
Reg 36 99 / SAVE 7 00
Pickup Truck Saddle Blanket Seat Covers
Easy to install tailored seat covers fit all pickups Under knee rifle scabbard on full size only Front storage pockets Washable
Black (full size) 43151-472
Brown (full size) 43168-472
Blue (full size) 43175-472
Mini & Midsize NOW 27.99
Black 43182-472
Brown 43190-472
Blue 43202-472

SADDLEMAN SEAT COVERS

Insulators
Nail Type 25 pkg 17879 130 Reg 1 75 **1.39**
Springboard 25 pkg 17880 130 Reg 4 19 **3.39**
Western 25 pkg 17899 130 Reg 3 39 **2.59**
Porcelain 25 pkg 17901 130 Reg 2 19 **1.69**



CLEARANCE SPRAYING EQUIPMENT
SAVE UP TO 23% Subject To Stock On Hand
Regular Prices May Vary Locally
Call For Prices And Availability On Complete Sprayers

Ace Centrifugal Pump
129.99 Reg 169 99 / SAVE 23%
16475 100

6 Roller Pump
52.99 Reg 59 99 / SAVE 11%
16380 100

7 Roller Pump
69.99 Reg 79 99 / SAVE 12%
16470 100

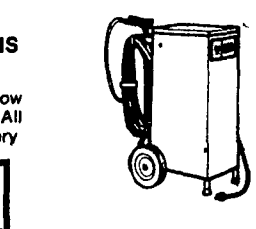
7 Roller Ni-Resist Pump
99.99 Reg 114 99 / SAVE 13%
16471-100

ALL TANKS 20% OFF

3 HP Gas Engine Centrifugal Pump
159.99 Reg 179 99 / SAVE 11%
16563 100

Hand Gun Kit & 5 Roller Pump
119.99 Reg 139 88 / SAVE 14%
16375 100

Hand Gun Kit & 8 Roller Pump
139.99 Reg 162 49 / SAVE 13%
16439 100



High Pressure Washer
Handy cart mobility 500-600 psi automatic mixing for easy cleaning and spraying Built-in tank eliminates the need for bottles etc Special duty ¾ Hp motor 3-way valve selects cleaning phase desired 100% chemical metered chemical rinse tank filling and soft 2 gpm pump 6 ft grounded power cord 35 A high 15 ½" wide 18 3/8 deep Requires 15 amps power at 115 volts

319.99
Reg 339 99 SAVE 20 00
2540, 293

319.99
Reg 349 99 / SAVE 30 00
12958-279
16' Bale Elevator
16' Bale Elevator, composed of two 8 ft sections. Complete with motor mount, sheave and belt. For electric motor and gas engine drive
8' Extention for above Reg. 128 00
12959-279 . . . SALE 114.99

34.99
Red 9462-060 White 9464 060
5 Gallons Acrylic Latex Barn Paint

49.99
Red 9478-060 / White 9480-060
5 Gal. Oil Base House & Barn Paint

11.77
Reg 15 99
14139-272
5 Gal. Black Roof Coating

29.99
Reg 39 99
13974 272
5 Gallons Aluminum Roof Coating

2.59
Reg 3 19 / SAVE 18%
12361-006
Universal Rock Guard
New Universal Rock Guards made to replace all mower guards except MF Dyna-Balance mower Made from long wearing malleable iron

3.19
Reg 3 95 / SAVE 19%
12091-006
Rock Guard
For longer service in rocky soils and heavy cutting Made form longwearing malleable iron Wt 2 lbs For Ford-Dearborn-Ferguson replaces no 141009 and N12

19.95
24670-282
Red Stripe Baler Twine
This high quality twine is uniform in thickness for guaranteed trouble free operation, free replacement of any defective twine 9000 ft 290 Tensile strength
10-49 **19.50**
50 or more **18.50**

299.99
Reg 349 99 / SAVE 50.00
22588-258
5 Hp. Chain Drive 28" Wide Tiller

Electronic Fluorescent Bug Killer
The acreage listed for each model indicates the estimated luring area
15 Watt ½ acre 18033-113 Reg 74 97 **64.97**
25 Watt ¾ acre 17992-113 Reg 89 99 **79.99**
75 Watt 1½ acre 18028-113 Reg 137 88 **124.88**

THESE PRICES WILL BE HONORED ONLY AT THE FOUR STORES LISTED BELOW.

CENTRAL TRACTOR FARM & FAMILY CENTER

CHAMBERSBURG
1351 Lincoln Way East, Ph. 717/264-8282
Open 9-6 Mon.-Thur. / 9-9 Fri. / 9-5 Sat.

QUAKERTOWN
Quakertown Plaza Shopping Center
Rts. 309 & 313, Ph. 215/538-2494
9-6 Mon-Wed / 9-9 Th & Fri / 9-5 Sat / 12-5 Sun

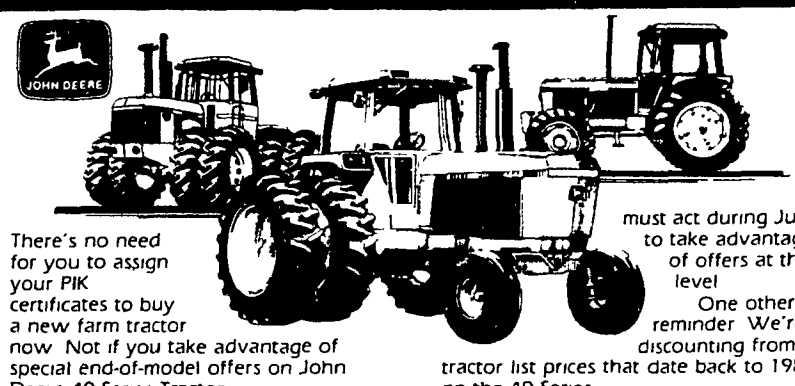
LANCASTER
1570 Manheim Pike, Ph. 717/569-0111
Open 8:30-5:30 Mon.-Fri. / 8:30-5 Sat.

FLEETWOOD
WEAVER'S HARDWARE CO.
RD 4125 Fleetwood, PA 19522
(on main road from Fleetwood to Topton)
PH: 215-944-7486 — 215-944-9648
Hours: Mon. thru Fri. 8 AM to 7 PM;
Sat 8 AM to 4 PM

All items are subject to stock on hand. We reserve the right to limit quantities. Sale ends on above date.
Not Responsible For Printing Errors

summer bonus BONANZA

End-of-model rebates up to $4,600 and a finance waiver offer to March 1, 1984 on new 40- to 228-hp John Deere 40 Series Tractors



There's no need for you to assign your PIK certificates to buy a new farm tractor now. Not if you take advantage of special end-of-model offers on John Deere 40 Series Tractor.

Between June cash rebates up to $3,200 (see chart) and your trade-in, you'll likely cover downpayment. Then if you're a qualified buyer and finance with John Deere, finance charges will be waived to March 1, 1984. Or you can take an additional cash rebate in lieu of waiver up to $1,400.* But you must act during June to take advantage of offers at this level.

One other reminder. We're discounting from tractor list prices that date back to 1981 on the 40 Series.

So get the new 40 Series tractor you need now. But hold onto PIK certificates and still get a new tractor for Investment Tax Credit plus first-year depreciation to help shield income in 1983.

Come on in soon. We're ready and willing to deal on the new tractor of your choice.

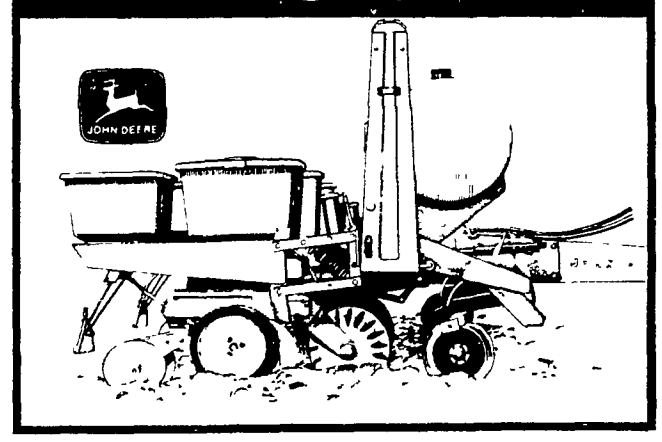
Model	Cash Rebate on Purchase	June '83 Cash Rebate in Lieu of Waiver	Maximum Rebate
228-hp 8640	$3,200	$1,550	$4,600
179-hp 8440	3,000	1,225	4,100
180-hp 4840	2,700	1,100	3,700
155-hp 4640	2,300	975	3,200
130-hp 4440	1,700	775	2,400
110-hp 4240	1,500	675	2,100
90-hp 4040	600	600	1,150
80-hp 2940	1,400	425	1,800
70-hp 2640	900	375	1,250
60-hp 2440	400	325	700
50-hp 2240	100	275	350
40-hp 2040	100	225	300

(Offer subject to tractor availability)

*Maximum rebates on 40 Series tractors include a bonus for cash purchase for financing with John Deere without waiver or financing where you choose. Leases not eligible for cash rebates. Availability of John Deere financing subject to approval of credit.
These offers may be reduced in value or withdrawn at any time.

summer BONANZA

Finance charge waiver to April 1, 1984, or cash rebate up to $2,500 on new John Deere Max-Emerge® planters



Buy a new planter in June? Yes indeed... for one unbeatable reason: to save money. Buy a new John Deere Max-Emerge® now and take your choice of money-saving offers.

First choice: if you're a qualified buyer and finance with John Deere, finance charges will be waived to April 1, 1984. Second choice: pay cash for your planter or finance it with John Deere without waiver and collect a cash rebate up to $2,500*. But you must act during June for savings at these levels.

Model	June 83 Cash In Lieu of Waiver	Model	June 83 Cash In Lieu of Waiver
7000 Front Folding		7000 Conservation	
24-row N	$2500	8-row N	$700
18-row N	$1825	6 row W	$525
16-row N	$1675	6 row N	$525
12-row W	$1425	4-row	$375
12-row N	$1200	7100 Integral	
8 row W	$1000	12-row N	$750
7000		10-row N	$625
12-row N	$900	8-row N	$475
8-row W	$600	8-row W	$450
8-row N	$575	6-row N	$325
6-row W	$500	6-row W	$300
6-row N	$425	4-row W	$250
4-row W	$300		
4-row N	$300		

N=Narrow W=Wide

*John Deere financial plans subject to approved credit. Leases not eligible for cash rebates. These offers may be reduced in value or withdrawn at any time.

The Long Green Line™

JOHN DEERE

Nothing runs like a Deere®

A.B.C. GROFF, INC.
New Holland, PA
717-354-4191

ADAMSTOWN EQUIPMENT INC.
Mohnton R.D. 2, PA
(near Adamstown)
215-484-4391

LEHIGH AG EQUIPMENT
(Formerly Chapman Equipment Center)
Chapman, PA
215-398-2553

CLUGSTON IMPLEMENT, INC.
Chambersburg, PA
717-263-4103

J.S. COVERT & SONS
Neshanic Station, NJ
201-369-5241

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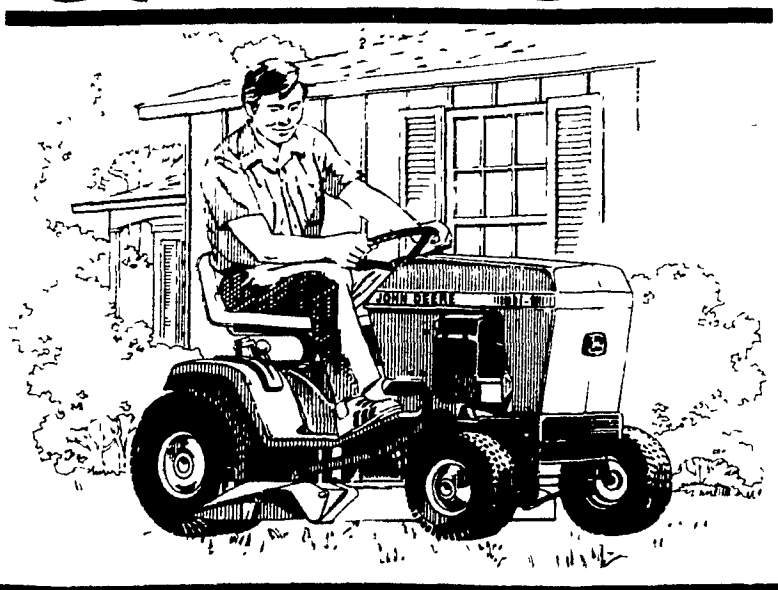

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Del. Extension seeks bug specimens

NEWARK, Del. — The Delaware Cooperative Extension Service's telephone lines are busy now as hungry insects munch their way through flower and vegetable gardens. "We never know which pests will be a problem in a particular season," says University of Delaware extension entomologist Mark Graustein, "but there will always be potentially harmful ones around from the first warm spring day until frost."

Successful control of destructive plant pests requires doing the right thing at the right time, Graustein says. "Today, we have the knowledge and the tools to manage most known pests. But first we must know what insect we're dealing with. Once identified, we know whether it's destructive or beneficial, what it east, what stages in its development are harmful, and the weak stages in its life cycle–the vulnerable points for control."

County extension agents are happy to help homeowners identify plant pests and recommend controls. However, it is usually hard to make a positive identification from a telephone description, since a "big black bug" could be almost anything.

Instead, Graustein suggests Delaware residents bring or mail insect specimens directly to county extension offices in Newark, Dover or Georgetown.

Here is how to prepare insects for mailing.

To Ship Live Insects:

1. Place insects in a tightly closed container–jar, pill vial, etc. Don't punch holes in the cover. A pint jar contains enough air to keep several insects alive for days.
2. Keep insects cool but not cold.
3. Keep them out of direct sunlight.
4. Place one or two fresh green leaves (about the size of a lima bean leaf) in jar to provide moisture..
5. Give insects something to hand onto-such as twigs or a crumpled piece of paper.

Provide sufficient padding between container and shipping package. Always mark the outside of the package "FRAGILE."

To Ship Dead Speciments:

1. Place soft-bodied insects such as caterpillars and aphids in alcohol–70 to 75 percent ethyl or grain alcohol is best. Rubbing alcohol will do if nothing else is available. Container should be at least half full. Secure lid or stopper before shipping, and wrap carefully.
2. Ship tiny insects such as ants or aphids in vials of alcohol, following the procedure outlined above.

Place larger hard-bodied insects such as beetles, wasps or large flies in a small box or container between firmly held (but NOT tightly packed) layers of cotton or tissue paper.

4. Ship pinned or pointed insects with the pin inserted into plastic foam or a cork block, and pad well with cottom before placing in shipping package.
5. Be sure to use sufficient padding between container and shipping package. Excelsior, wood shavings, cotton or newspaper make good padding.

Whether shipping live or dead specimens, remember to include a piece of paper or label giving complete descriptive information with each shipment. A complete report should include:

1. Sender's name, address and telephone number.
2. Date and place where speciment was collected.
3. Host plant or area where specimen was found.
4. Description of amount and kind of plant injury.
5. Any other special notes.

Print all data insert slips with a dark lead pencil or India ink as this will remain readable even in alcohol.

Identification is often easier if more than on specimen is included.

"Please follow these instructions carefully," says Graustein. "When material arrives in poor condition, the process of identification is slow and difficult."

Send specimens to the Delaware Cooperative Extension Service at one of these addresses:

New Castle County–Townsend Hall (formerly Agricultural Hall), University of Delaware, Newark, DE 19711;

Kent County–J. Allen Frear Federal Building, Room 2206, 300 S. New Street, Dover, DE 19901;

Sussex County–University of Delaware Substation, R.D. 2, Box 48, Georgetown, DE 19947.

Changes for rice published

WASHINGTON, D.C. — The U.S. Department of Agriculture has published a final rule amending the definitions of milled rice and coated milled rise contained in the U.S. rice standards.

The amended definition of milled rise deletes the requirement that a portion of the germ be removed. This amended definition was published as a temporary change in July 1980 and currently is in effect.

"The amended definition for coated milled rise will allow the use of safe and suitable coating agents other than glucose and talc," said Kenneth A. Gilles, administrator of USDA's Federal Grain Inspection Service. "No changes are being made to the U.S. standards for rough rice and brown rice for processing."

Gilles said this final rulemaking for the U.S. standards for rough rice, brown rice for processing and milled rice is a result of the periodic review of existing regulations to determine whether they are current and applicable.

The final rule will be published in the June 3 Federal Register.

Further information is available from Lewis Lebakken, Jr., Regulations and Directives Unit, FGIS, U.S. Department of Agriculture, Room 0667-S, Washington, D.C. 20250. Telephone (202) 382-1738.

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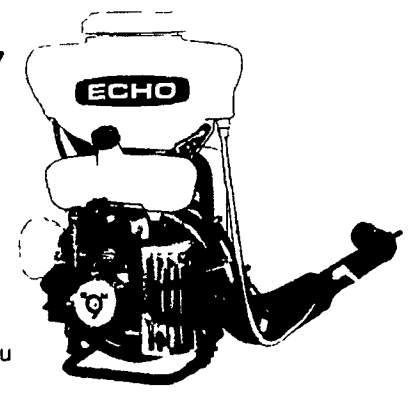

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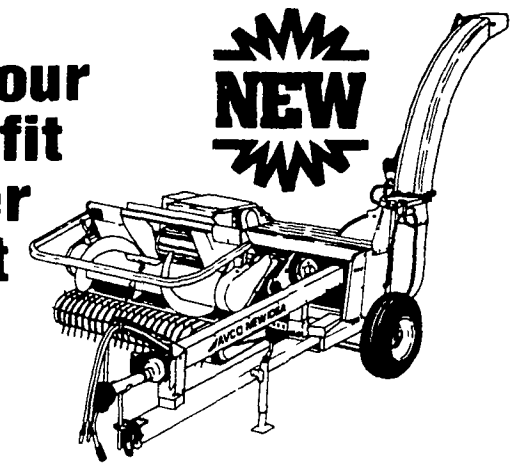

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The Milk Check

TOM JURCHAK
County Agent

Compromise II

It didn't take long for the House Agriculture Committee to rewrite the dairy price support bill proposed by its own subcommittee that was reported here in May. The principal difference is more future cuts in the support price based on government purchases which eliminated the National Milk Producers Federation mechanism for keeping farm price cuts to less than a dollar a hundred. It still retains the diversion payment for reduced production but provides a choice of base periods of either one year or two. It also contains provisions for a national advertising and promotion program at 15 cents a hundred with no "ask outs" and no referendum for two years.

More specifically the bill calls for a 50 cent deduction "immediately on passage" until December 1984 and a 50 cent drop in the support price starting October 1 of this year. If CCC purchases are expected to exceed six billion pounds of milk equivalent the support price would drop another 50 cents on January 1, 1985. Then again on July 1, 1985 another 50 cent cut can be made if government purchases are expected to be more than 5 billion pounds in the next twelve months. With government purchases now nearly three times the five billion pound level it doesn't seem likely that production can drop that far that fast. If it doesn't, then this proposal would mean a drop of $1.50 in the support price from October 1983 to July 1985 or only 21 months. In addition, you would still be paying the 50 cent deduction until the end of next year.

Diversion Financing

Keeping the 50 cent deduction to the end of 1984 is to pay for the diversion payment costs of the program. This would start in October 1983 and end in December 1984 for farmers who want to reduce production below their base period. For a base they would have a choice between the average of their 1981 and 1982 production or just their 1982 sales. The diversion payment would be $10 for each hundred pounds they dropped below their base. This is about the only part of the subcommittee's proposal that remained after the full House Committee got through with it.

Taking the proposal as a package it certainly shows a trend toward combining more of the ideas submitted by the industry in an attempt to appease all interests. It combines deductions, price support cuts, incentive payments and promotion. However, in an attempt to please everyone it may have been a big step in the direction of widening the gap between producer organizations and the Congress. It certainly penalizes the producer with increasing production more than the previous proposal and may cause undue damage to good producers. However, one of the concerns of producer organizations is the trend toward more severe price cust every time a new proposal is made by committees and the longer we wait the worse things will get.

Observations

Not all the cards are on the table yet but several things begin to surface that, one way or another, appear to be part of the future price support program. First of all it appears that Congress expects producers to pay more of the costs of a support program in the future as well as requiring their support of promotion programs to increase consumption. The use of parity pricing already appears to be an endangered species and may be extinct in the near future despite its previous track record. Some diversion payments will be provided temporarily to encourage production cuts. No one seems concerned that 30 percent reduction may be too high or that making the payment on milk not produced may cause some legislative milk produced rather than $10 on milk not produced and provide a positive incentive rather than a negative one.

No one seems interested in correcting the disparity between the support price and the average price of manufacturing grade milk. There has been about a 45 cent difference between the two so while we talk about a support price of $13.10 the average was $12.65 in April. However, it may be a blessing with the first 50 cent cut in the support price because in the market price it would have only a five or ten cent effect. It's also evident that much of the compromising on new legislation is occurring in the agriculture committees rather than leaving it to the conference committees between the House and the Senate as happened last year. At first this seems to be good but it appears that we could still end up with a program that is so "compromised" that no one wants to support it.

Second 50 Cents

As if to prod the Congress and put the producers on notice that it means business, the USDA announced last week that it will start collecting the second 50 cent assessment on all milk starting August 1. This is the 50 cents that's refundable to producers who reduce production below their average of the last two years for the period from August 1 to September 30. The notice also asked for written comments to the ASCS, P.O. Box 2415, Washington, D.C. 20013. It's expected that USDA will be careful to touch all the procedural bases this time in an effort to stay out of Federal Courts but that's no guarantee that it won't happen anyway. The trick, however, is to get Congress to pass a new price support bill that would include mandatory 50 cent deductions. Then they'd be set in legislative concrete and make them immune from the lawsuits that have plagued them all year.

Its gotten so that it's impossible for me to keep you up to date on the rulings of the courts on this issue since they change almost weekly so you'll have to rely on your weekly farm publications to do this. However, it appears that USDA is convinced they're on firm ground on this issue and while they may suffer temporary set backs and delays it's "damm the torpedoes" and full steam ahead to carry out their "mandate" from Congress.

Wet Spring

A cold, wet spring seems to have cooled milk production increases nationally even though it was three per cent higher than April 1981. USDA was making monthly production reports last year so we have to go back two years. However, processing plants were still jammed especially over the Memorial Day weekend and some eastern milk was moving west to find a home. The bad news, that everyone knows, is the problem of getting corn planted and hay harvested for next fall and winter. This plus increasing grain costs from the PIK program and reduce planting this spring may affect milk production more (and quicker) than Congressional action. Too bad we can't legislate the weather.

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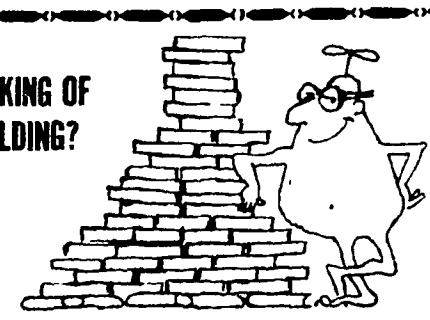

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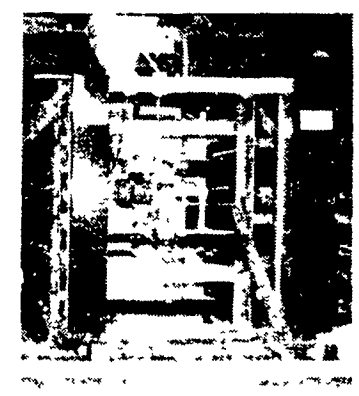

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Plant breeding is like a 'pipeline'

By Doris Crowley

NEWARK, DEL. — "Plant breeding for varietal improvement is like a pipeline," says James A. Hawk, a plant geneticist and corn breeder at the University of Delaware Agricultural Experiment Station. "You start new lines each year so that you have corn inbreds at different stages and there's always some material all along the line." And you hope for something good to come out the other end.

The purpose of his yearly corn yield trials at the university's Georgetown substation and two cooperating commercial farms is to identify genetic material with resistance to some of the major problems affecting corn production on the Delmarva peninsula—drought, disease and insects.

"Yield is a complex characteristic," explains Hawk. "It is difficult to correlate with any one factor. A plant line can have a lot of potential, but if it's susceptible to some disease, that potential won't be realized." By providing commercial seed companies with inbred lines having known resistance to some of these problems, he can help them breed resistance traits into susceptible but otherwise promising hybrids. In doing this, he is indirectly helping farmers reduce production losses and improve yields.

The search for resistance is tedious and time consuming. After four years of developing hundreds of experimental lines and feeding them into his "pipeline," two of the most promising are just now reaching the end of it. But a few years from now these could become the sources for European corn borer (ECB) and Southern corn leaf blight resistance in new hybrids the seed industry is constantly developing.

The job of hybrid improvement is never finished, says Hawk, because as farming methods change, existing hybrids often fail to perform as well as they once did. When this happens, yields suffer. New cultural practices such as no-tillage, intensive production under irrigation and the tendency of some farmers to grow corn continuously in the same field without rotating to other crops have contributed to the buildup of yield-reducing insects and diseases. At the same time, there is the continuing need to find ways to help dry land corn perform better under drought stress.

It takes a minimum of six to seven years to develop a new corn hybrid, but only three to four years to develop inbred lines which can be crossed to produce hybrids. By developing promising inbreds and sharing these with the seed industry for use in creating its own hybrids, Hawk can concentrate his research skills where they're most needed and thus accelerate the process of varietal improvement.

In 1982 he evaluated over 200 experimental first-generation corn lines for resistance to anthracnose and Southern corn leaf blight, as well as general agronomic traits. Twenty-two of the most promising were self-pollinated and are being studied this summer by Hawk and experiment station plant pathologist Dr. Robert Carroll. Again, the best of these will be self-pollinated and the seed saved for further development until, finally, one or two are singled out and declared ready for release.

. Last year, Hawk also evaluated six advanced inbred lines for their disease and European corn borer resistance. Based on results of those trials, he has selected two for further testing. One, DE 824, is resistant to Southern corn leaf blight. The other, DE 811, appears to be resistant to both ECB and Southern corn leaf blight. In 1982 tests at the U.S. Department of Agriculture's Corn Insects Research Unit in Ankeny, Iowa, DE 811 proved resistant to first and second brood ECB. However, because some DE 811 plants in Delaware trials showed some ECB susceptibility, Hawk is evaluating the line further to be sure it resists the ECB strain active on Delmarva.

Working with him on this part of the breeding project this summer is entomologist Charles Mason, an authority on the European corn borer. Using caged plots, the two scientists are infesting the whorls of plants within each cage with different geographically known populations of larvae. Half the plots will contain Delaware-type corn borers. The other half will contain midwestern larvae shipped from the Ankeny research station. The main objective of this study is to see if the resistance of corn inbreds is affected by ECB populations from different parts of the country. Besides DE 811, the scientists are compared two other resistant inbreds against one susceptible check.

U. of D. plant breeder James Hawk, right, points out some features he's looking for in field corn trials on farm of Middletown grower Donald Isaacs, foreground. With them is extension ag agent Dean Belt.

Another part of Hawk's breeding program is aimed at increasing corn drought tolerance. "One thing we can do to raise the yield of a hybrid under moisture stress is mix male sterile plants with fertile ones," he says. "Detasseling will do the same thing. We have found that both detasseled and male sterile plants have improved water status under drought conditions."

Hawk and his assistants also are selecting plants for small tassel size and for synchonized pollen shed and silking to improve dry land corn yield. "We planted in mid-April last year to get an idea of germination response under cool soils. We also want to look at early silking as a way to escape the effects of drought and to synchronize grain fill with long days." This year they also planted as early as possible.

Working closely with Hawk on this part of his corn breeding project has been masters degree candidate Jose Cedeno. A native of Panama who plans to become a plant breeder, Cedeno also is anxious to find ways to help corn plants overcome water stress. Crops in his country, like those in Delaware, are exposed to frequent drought during critical growth stages. So far results of the work he and Hawk are doing are very encouraging.

Standability is another problem of Delaware-grown corn. Yields

(Turn to Page C5)

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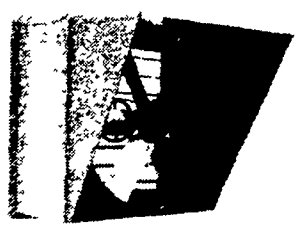

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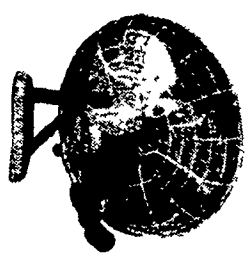

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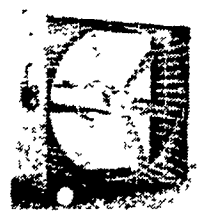

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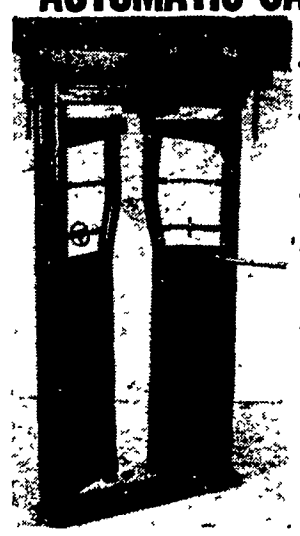

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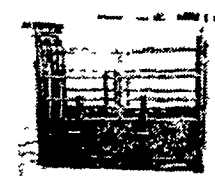

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Plant breeding

(Continued from Page C4)

often suffer because of anthracnose stalk rot, a disease which causes lodging. Hawk has begun a backcross breeding program to put anthracnose stalk rot resistance into desirable corn hybrids. Since the trait appears to be rather simply inherited, this project involves taking resistant genetic material from one source and crossbreeding back to incorporate it into a different line which already possesses other valuable traits. Ken Byrns, a graduate student working with Carroll, is evaluating the influence of tillage practices, irrigation and stand density on the development of stalk rots.

To determine how well the genetic material in all these projects performs under local growing conditions, Hawk needs plots at several locations around the state. Last summer, besides a six-acre trial at the Georgetown substation, he had three-acre trials in fields owned by two area farmers—Kenneth Moore of Leipsic and Donald Isaacs of Middletown. Cooperators this year are Isaacs and Alan and Dale Figgs of Seaford.

"We need to know how plants do throughout the state, not just at Georgetown," Hawk says. "This is insurance in case something goes wrong at one site. It's also better to base your decisions on results under various growing conditions. All you have to do is look at performance at the three sites last summer to realize the value of doing this." Even with irrigation, plants at Georgetown were two feet shoter than those grown on heavier soil at Middletown.

Assisting Hawk with his 1983 field trials are research associate Karen Jessie and masters degree candidates Cedeno, Byrns and Bill Berzonsky. The three hold graduate assistantships in the department of plant science. Besides working on their own thesis projects, all will devote considerable time to the plant breeding program. This will give them valuable practical experience. In addition, because of laboratory skills developed during their studies, they will be better prepared for future careers as plant breeders.

Each summer, Hawk and his assistants handle about 8,000 seed packets, each containing about 36 seeds. Altogether they plant several hundred test plots two rows wide by 17 feet long. Corn plants in each plot are hand-thinned to the proper distance and monitored from the time they emerge until they are harvested for final evaluation at the end of the season as mature, ear-bearing stalks.

Each plant in every plot is rated for yield, standability (a measure of stalkrot and corn borer resistance), leaf blight resistance, general health and other traits. "We like to see some green left at the top of the plant at maturity," Hawk says. "We also look for low ears—which provide less of a lever for stalk breakage—, adequate husk cover and ear diameter.

As if all this weren't enough, some plants in the drought research trials have to be detasseled. And those selected for further inbreeding and seed-production must be hand pollinated—hot, tiring work under a July sun.

What keeps scientists like Hawk going is the knowledge that eventually the effort will pay off. Each resistant line that emerges from his "pipeline" is the potential parent of a whole new generation of resistant, higher-yielding hybrids that may flourish a few years from now in Delaware cornfields.

Predicting soil erosion

When soil conservationists tell farmers that their fields are losing soil at a certain rate, they are not making a guess. It is a statement based on research and over 40 years of use, reports John Spitzer, agronomist for the USDA Soil Conservation Service.

Developing equations to calculate field soil loss began about 1940 in the corn belt. In 1946, efforts began to adapt the formula to other sections of the Nation. In 1952, the USDA Soil Conservation Service in the Northeastern States began to use the formula that has become widely accepted. It is commonly called the Universal Soil Loss Equation (USLE).

Research on the formula was conducted through Federal-State cooperative projects in 27 states. One of the projects was at The Pennsylvania State University.

USLE is an erosion model designed to predict the long-term, average soil losses in runoff from specific field areas under specific cropping and management systems, noted Spitzer.

The equation will also compute the average soil loss from a multiple-crop system, for a specific crop in a rotation, or for a particular cropstage period in a given crop year. Six factors are fed into the formula. Spitzer identified the factors in simple terms as (1) rainfall and runoff - includes factors for snowmelt and applied water such as irrigation; (2) soil erodibility - varies with each type of soil; (3) slope length - the longer the slope, the higher the erodibility; (4) slope steepness - the steeper the slope, the higher the erosion; (5) cover and management - open tilled crops are more erosive than close tilled or sod; and (6) support practices - such as contour stripcropping, conservation tillage, terraces, etc., as compared to uphill and downhill farming.

Spitzer cautioned that the formula data is not absolute; however, it is the best information of this type that is available. In research studies where actual soil erosion plot measurements were compared to USLE, in 53% of the cases, the difference was less than one ton per acre; in 84% of the cases, the difference was less than two tons per acre.

Presently, soil conservationists use a slide rule type soil loss calculator to compute soil loss on visits with farmers. Spitzer predicted that the time is coming when the conservationist will use a portable computer to forecast soil loss.

SCS conservationists are experimenting with computer models which will predict not only soil loss, but when the soil is no longer profitable under certain crop and management systems. They will also determine exactly how much soil conserving practices cost per ton of soil saved.

"How much soil are you losing from your fields?" asked Spitzer. "It could be more than you think. Remember, soil erosion must reach about 14 tons per acre before it can be seen. If you can see erosion in your fields — you've got a problem."

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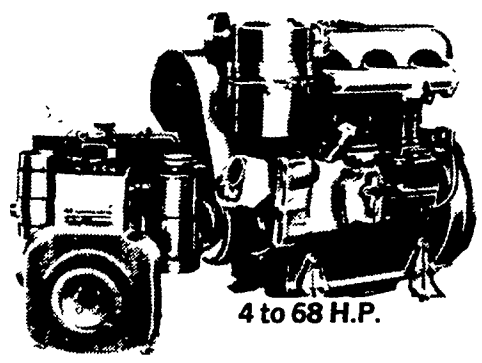

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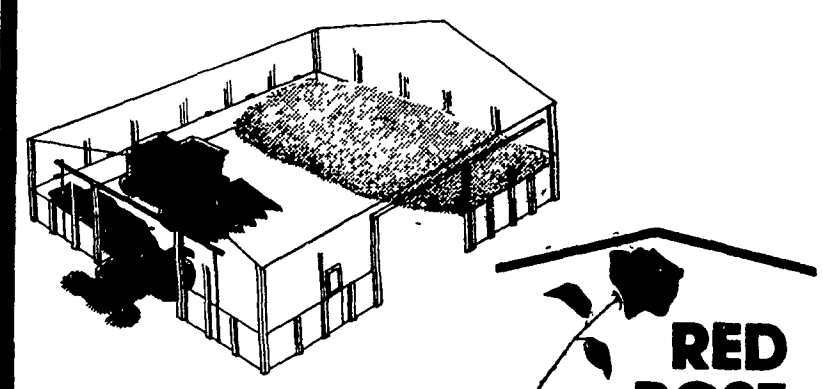

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'83 Chester Co. Dairy Princess crowned

BY TRISH WILLIAMS

COCHRANVILLE — With the stage of the Cochranville Community Center set as an English garden, four attractive farm girls competed Saturday evening for the title of the 1983 Chester County Dairy Princess. After the girls spent weeks in preparation and about two stomach twisting hours on stage, the judges had made their final decision. A very excited and surpised Denise Ambler was crowned the 1983 Chester County Dairy Princess. The honor of Alternate Dairy Princess went to Jewell King.

The four dairy farm girls competing in the pageant were Denise Ambler of Cochranville, Lisa A. Crowl of Oxford, Jewell R. King of Cochranville, and Helen Ann McCahon of Downingtown.

Winner and 1983 Dairy Princess, Denise Ambler is the daughter of Robert and Nancy Ambler who farm just outside of Cochranville with a herd of 60 milking cows. Denise's mother Nancy is a milk tester in Chester County. Denise is a junior at Octorara High School and has been active in work with a petting zoo for children. In her promotional skit Denise portrayed a dairy farmer answering a letter which contained many questions on dairy farming.

The new 1983 Chester County Dairy Princess Denise Ambler is crowned by Marilyn Stoltzfus, the '82 Princess. Also bestowed with flowers is the alternate Dairy Princess Jewell King.

Master of ceremonies Arthur Hershey is pictured with pageant contestant, Helen Ann McCahon, Alternative Dairy Princess Jewell R. King, the new 1983 Chester Co. Dairy Princess Denise Ambler, contestant Lisa A. Crowl, and the retiring '82 Princess Marilyn Stoltzfus.

Lisa Crowl, a senior at Oxford High School,was chosen by the other contestants as Miss Congeniality. Lisa plans to study to be an executive secretary at Goldey Beacom College.

Master of ceremonies for the pageant was Arthur Hershey, a member of the State House of Representatives and a Chester County dairy farmer. Rep. Hershey interviewed the contestants, asking questions that gave background and revealed interests and personalities.

The three judges, Carl Brown, Joyce Graybill, and Marg Rutter, said the decision was difficult when choosing between four such talented girls.

Helen McCahon sang a song on the virtues of drinking milk as part of her promotional skit.

Vets agree on U.S. animal exports to China

WASHINGTON — The U.S. Department of Agriculture and the Peoples' Republic of China today signed an agreement setting the health requirements for U.S. exports of cattle, swine and poultry to China, according to Bert Hawkins, administrator of USDA's Animal and Plant Health Inspection Service.

Signing for USDA were Hawkins and Joan Wallace, administrator of the Office of International Cooperation and Development.

Hawkins said the agreement outlines the conditions for exporting breeding stock from the United States to China. U.S. and Chinese representatives also discussed possible imports of swine semen for use by American swine breeders, he said.

A delegation of Chinese veterinarians sponsored by OICD spent most of May in the United States visiting USDA animal health facilities. It was during this tour the Chinese met with USDA officials to negotiate the June 1 agreement.

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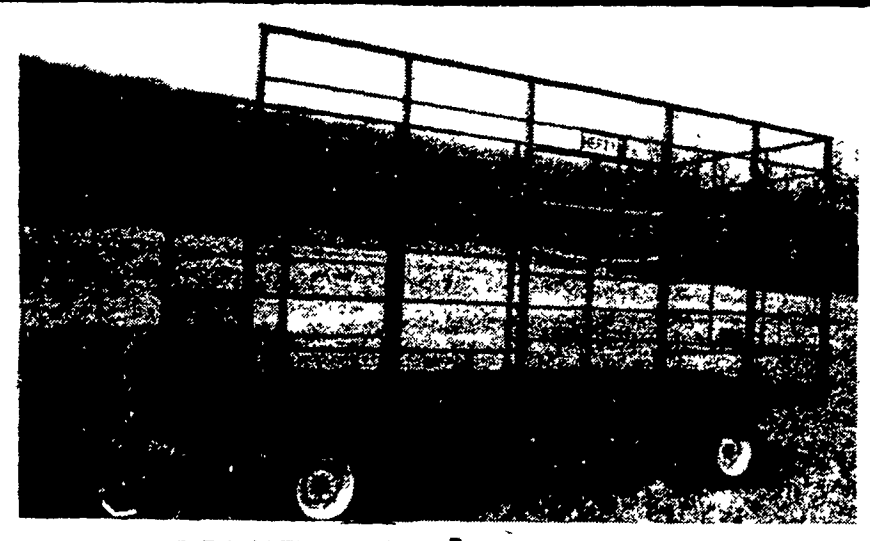

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The powder problem

SYRACUSE — One of the more challenging long-range decisions a dairy cooperative or dairy company has to make is what kind of product mix to concentrate on in the coming years according to Edward McNamara, NEDCO president. At present, most cooperatives, especially those who concentrate on balancing member supplies, rely on a butter-powder mix to rid them of excess milk both seasonally, weekends, and on a regular basis.

A new dimension has been introduced into those types of operations with the advent of whey powder, which has virtually eliminated markets for dry milk powder. Whey increased in volume by leaps and bounds as the cheese market flourished and the consumer demand for cheese increased. In the early days, unused whey, which was a drug on the market, required all kinds of inventive schemes to empty trucks so that cheesemaking could continue. From feeding it to cattle in vats, to dumping on farmland, outlets were exhausted until finally it was found that dry whey was a good product, even surpassing skim milk powder in some uses. The price of whey compared to the price of skim milk powder makes it extremely attractive to those who can adapt it to their use.

As the domestic skim milk powder market becomes more and more eroded, government Commodity Credit Corporation finds it owns more and more of the product with few outlets. Last year, government purchases of milk powder equated to over 60 percent of the total powder produced in the United States.

It becomes apparent to all that government will not want to continue to purchase large amounts of a product which will not move out of warehouses unless the price is severly reduced so that it can become competitive. Even the world market is flooded and supplies on hand continue to escalate so that the world market is not a profitable place to dispose of U.S. powder.

A solution to the powder problem must be found, either in creating new product uses, or reducing prices so that milk powder can be more competitive with whey powder. That, however, would then only compound the confusion by creating a new whey problem and since cheese has become such an exciting part of the diary industry, no one wants to see cheese production and sales hampered.

The day is fast approaching when unusually careful appraisals must be made before investing large capital sums into building new butter/powder facilities. Unless present concerns can be satisfied, those dollars expended must be projected to be paid out on a fairly fast write-off while storable new products are developed to use up excess milk supplies for balancing.

New product development in the dairy industry is slow to come about and few new products survive. Recently we came across a pamphlet published by the Milk Industry Foundation on December 8, 1958. Included was an article which mentions imaginative, innovative thinking in milk marketing.

"Let us take the actual example of a small independent dairy in Michigan. It has developed a method of freezing whole milk in the paper carton and it has organized a group of 700 customers with home freezers who buy frozen whole milk on a one-delivery-a-month basis. Deliveries per customer amount to between 40 and 150 quarts per month." An example of an imaginative, innovative idea that, as far as I know, never reached the east coast and is probably not in existance anymore.

Dairymen, Inc., a cooperative in southeast United States, has ventured to risk millions of dollars on a product that has been in development stages for many years. Even NEDCO spent a few million dollars on that venture when it was in its beginning stages, and we learned the lesson that although the product was good, we did not have the depth or money to spend developing new products.

We certainly hope that D.I's venture works out and that their investment in asceptic processing of milk and milk drinks return them a good profit. The whole dairy industry will benefit not only from sales of that product, but also as an encouragement for others to risk capital on new product development.

There are few pioneers in new product development in the dairy industry. Because of the low profit margins available, not many are willing to invest the millions of dollars required in a large risk enterprise with little hopes of gaining significant profits.

As one wisely remarked, "pioneers get shot—always go second."

Vaccination for horse sleeping sickness urged

WASHINGTON — Horse owners should have their animals vaccinated for equine encephalitis, according to a U.S. Department of Agriculture veterinarian. The disease, also known as sleeping sickness, often becomes a serious problem when mosquito populations increase during warm months.

Since vaccines are effective for only one year, Dr. Chester Gipson, staff veterinarian of USDA's Animal and Plant Health Inspection Service, advises animal revaccination—preferably in the spring.

Gipson said that combination vaccines are available for the three types of the disease, eastern, western, and Venezuelan equine encephalitis. Eastern and western types of the disease occur each summer in many parts of the United States. The Venezuelan strain has not appeared in our country since 1971, but vaccination against it is recommended along the Mexican border and the Gulf Coast.

"All three types of sleeping sickness affect humans as well as horses," Gipson said. "Birds usually function as the disease reservoir and may carry the eastern or western type of virus. Mosquitoes may transmit these diseases from birds to horses or humans. With the Venezuelan virus, the disease multiples so rapidly in horses that mosquitoes biting infected horses at certain disease stages can pass the virus directly to nonvaccinated horses or to humans."

"Research has shown that the Venezuelan virus has many hosts," Gipson said. "However, it isn't known which of these hosts may harbor the virus or when the virus may reemerge."

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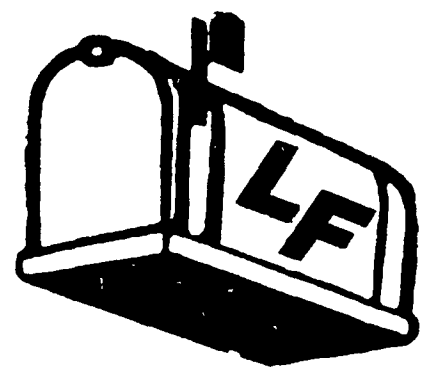

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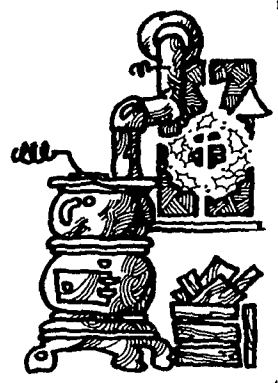

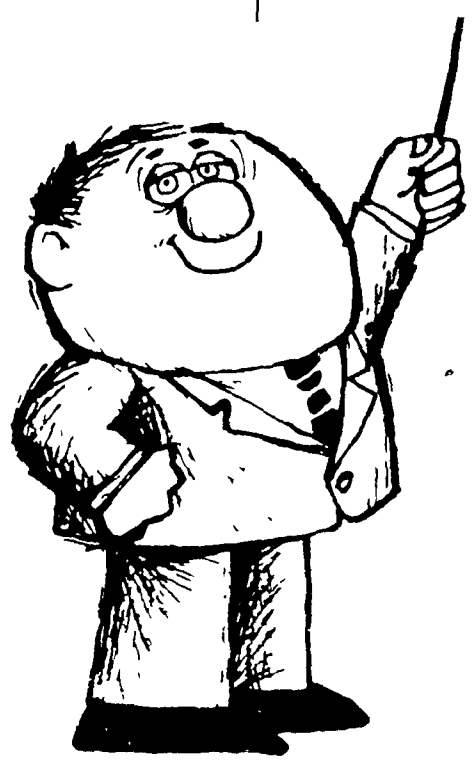

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For Sale - Ford 5000 diesel, row crop, 1800 orig. hours, exc. condition, $6000. 215-593-6127.

For Sale - NH 770W hay head, like new. Ford silo blower. 717-745-7627.

JD 3 bottom disc plow, IH 58N 8' disc, IH 153 four row cultivator, 165 gallon 8 row weed sprayer, 40'x6" Snowco grain auger w/extra tubing and auger parts, Dellinger hammermill model H, 300 gallon elevated fuel tank, 275 gallon fuel tank, belt driven rotary saw, assorted rolls of heavy galvanized wire fence and many misc. farm parts. 215-666-5410 after 6 PM.

For Sale - JD 1209 mower conditioner, reconditioned, new knife. Cumberland Co. 717-776-7895.

John Deere grass pick-up attachment to fit #3800 harvester, used to fill 2 silos $650. 717-334-5140.

Wanted - Approx. 13 - 15 foot rotary mower, excellent or new condition, 215-966-5816.

AC 780 forage harvester, like new, $2850. 717-235-2633.

Minneapolis Moline 950 diesel, excellent condition, 814-793-4293.

Crawler Tractor Parts.
New and Used Parts Available for Cat, Allis Chalmers, IHC, Case, John Deere and others.
Rubber tired construction equipment parts available for Hough, Michigan, Galion and Cat Road Graders.
Call or write for equipment & parts brochure.
VILSMEIER EQUIPMENT INC.
Route 309
Montgomeryville, PA., 18936
Phone: 215-699-3533

For Sale
Wisconsin And F-Cub Engine Parts
Cranks, heads, blocks,
We ship UPS
T.J. Wheary & Sons
Lancaster, Pa.
717-687-0102

Used sawmills for sale. We buy and sell. Leroy Wray, R.D. 1, Douglassville, PA 19518. 215-385-3884

The following categories are available for your classified advertising in Section C. Deadline-Thursday morning at 9 of each week's publication

- Farm Equipment
- Silos & Unloaders
- Buildings & Supplies
- Grain Equipment
- Dairy Equipment
- Livestock Equipment & Supplies
- Cattle
- Horses & Mules
- Sheep & Goats
- Swine
- Artificial Breeding
- Hog Equipment & Supplies
- Poultry & Supplies
- Feed & Seed
- Fertilizer
- Plants
- Fruits & Vegetables
- Nursery
- Lawn & Garden
- Services Offered
- Custom Work
- Help Wanted
- Situations Wanted
- Business Opportunity
- Autos
- Recreational Vehicles
- Notice
- Lost
- Found
- Pets
- Household
- Miscellaneous
- Computers

The following categories are available for your classified advertising in Section B. Deadline-Wednesday afternoon at 5 of each week's publication.

- Real Estate
- Trucks & Trailers

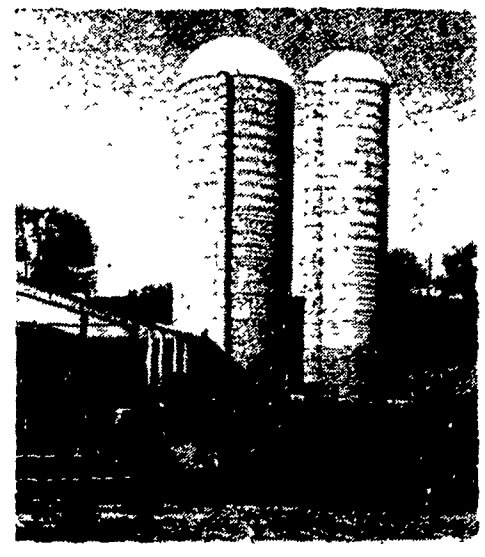
LANCASTER SILO CO., INC.

STARLINE-SUPREME-VAN DALE SILO UNLOADERS

2008 HORSESHOE ROAD
LANCASTER, PA. 17601

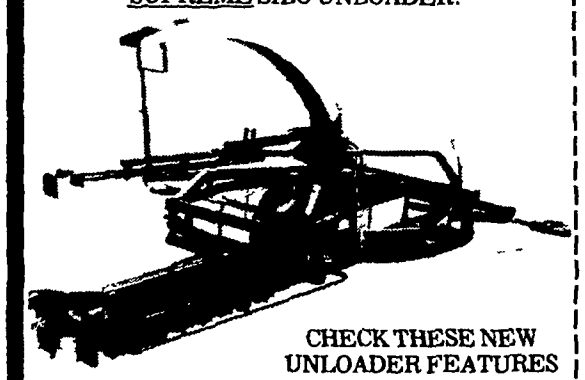
"LANCASTER" CONVEYORS
TAPER BOARD FEEDERS
BELT FEEDERS

"LANCASTER" CONCRETE STAVE SILOS
NO PRICE INCREASE FOR 1983 ORDERS.
LEASING PROGRAM FOR 3-5-7 YRS.



SUPREME RING-DRIVE OR SURFACE DRIVE UNLOADERS IN STOCK.
ANY USED UNLOADER IN WORKING CONDITION, WHEN PURCHASING NEW UNLOADER

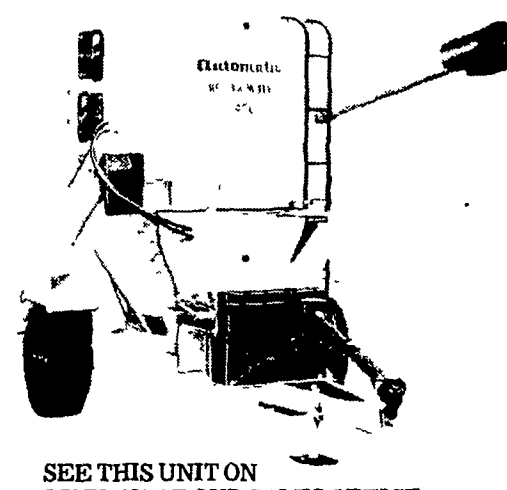
"NEW" MODEL SS428 TURBO RING-DRIVE SUPREME SILO UNLOADER.



CHECK THESE NEW UNLOADER FEATURES
STAINLESS STEEL - 4 PADDLE BLOWER.
STAINLESS STEEL SPOUT LINER
STAINLESS STEEL SHIELD COVERS
STAINLESS STEEL AUGER COVER

CALL 717-299-3721
LARRY HIESTAND - OFFICE
WAYNE LLOYD - SALES

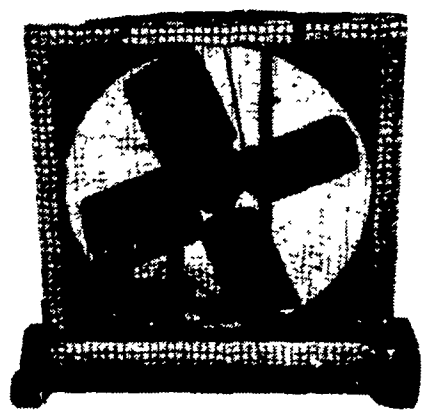
"NEW" - "NEW" - AUTOMATIC ROLLER MIXER
The Efficiency and Quality of Automatic Rolled Grain Combined With Mixing Excellence.



SEE THIS UNIT ON DISPLAY AT OUR SALES OFFICE
SPECIAL DISCOUNT ON THIS UNIT.

PRODUCT OF RYDER SUPPLY

NEW EQUIPMENT SPECIALS:
A COOL DEAL FOR THE HOT DAYS - KEEP THOSE DAIRY BARNS & COWS COOL & COMFORTABLE WITH A 36" PORTABLE FAN. AVAILABLE WITH ½ H.P. MOTOR & CORD, or GAS ENGINE



June Sale Price $395.00

Ford Tractors Equipment

SPERRY NEW HOLLAND

TRACTORS

Ford 8000
Ford 5000 Dsl. Turbo
Ford 5000 Dsl.
Ford 8N
Ford 445 Backhoe Loader Repossessed
Ford 545 Backhoe Loader Repossessed
Ford 535 Tractor/Loader/Backhoe
Ford 4500 Backhoe Loader
JD 4020 w/Cab
IH 1466
(2) Farmall H's
Case DC
Massey Harris 44
Satoh 650 w/loader
(2) JD B

EQUIPMENT

Ford 142 6B In-Furrow Auto Reset Plow
New Ford 4x16 #151 Auto Reset Plow
Bush Hog 12' Tandem Disc
Ford 9 tooth Soil Saver
NH 489 Haybine
NH 479 Haybine
NH 1495 SP Haybine
(2) IH 990 Haybine 7'
Ford 530 Baler
Ford 532 Baler w/thrower
New 20' McConnell Transport Harrow at last year's price
Used JD 20' Transport Harrow
NH 516 sgl. btr. spreader
Gehl #55 Grinder-Mixer
Lawn & Garden Tractors w/Mowers & Snow Blowers

CHARLES S. SNYDER INC.

RD3 Tamaqua, PA
18252
Phone: 717-386-5945

JOHN DEERE

NEW EQUIPMENT

JD 950 Tractor
JD 1050 Tractor
JD 2040 Tractor
JD 714 Forage Boxes
JD 1075 Running Gears
JD 1207, 1209 Mower Conditioners
Hesston 1014 Hyd. Swing Conditioner
JD 1710 Mulch Tiller
Bush Hog 1432 10½' Disc

USED EQUIPMENT

AC C & WC Tractors
Farmall MD, Super M Tractors
JD B Tractor
JD 520 Tractor
JD 720 Tractor
JD 3010 RCU Tractor
Farmall Cub w/outfit
Cub Frt. Mtd. Blade
JD 494A Planter
IHC 315 Mulch Packer
IHC 540, 550 4B Plows
JD F125 6B Plow
Ferguson 2B Plow
JD AW Disc 12'
Woods Cadet 60 Pull Type Mower
NH 6' Cutter
JD 507 Cutter
MF 41 Sickle Bar 3 pt. Mower
Mayrath 40' Elevator
NI Hay Rakes on steel
Myers Snowblade
Valk ST80 Snowblade

USED COMBINES

JD 95 w/platform
JD 434 corn hd.
AC C2 w/platform
AC 4R corn hd.
JD 45 w/platform
Plus other new and used equipment

Call For Details.
MILLER'S SALES & SERVICE INC.
West Penna. Ave.
on Highway 851
Stewartstown, Pa.
717-993-2470
or 993-2732

FARM EQUIPMENT

Clean wheat straw, Super NH 717 field chopper, IH table belt driven silo blower and pipes, Dairy-vac, 2 self-unloading wagons Dion and NH, 455 IH 4 row corn planter, tractor tire 13-38 six ply rating R-1. 201-236-2376.

Oliver 2150 131 h.p., 814-793-4293.

MF Massey Ferguson

SPERRY NEW HOLLAND

Tractors

MF 285, 8 spd.
AC WD

Tillage

Case 5B Semi-Mtd Plow
JD 4 x 16 Plow
JD 12' Tandem Disc
(2) Drag Harrows

Hay Equipment

AC 390 Mower cond.
Moline 3 pt. 7' Mower
Ferguson 3 pt. Mower
IH 37 Baler w/thrower
MF Model 3 Baler w/thrower
AC 303 Baler w/thrower
MF 35 Hay Rake
AC Hay Rake
NH 36 Crop Chopper

Miscellaneous

MF 468 4R Planter
NH L-35 Skid Steer Loader
Gehl 2600 Skid Steer Loader
NH 512 Manure Spreader
NI 214 Manure Spreader

Sprayer Specials
Walsh 500 gal. Trailer, 34' Boom, PTO, Cntr. Pump, 11L x 15 Tires, Ready to go
$2,000

MARLIN SCHREFFLER
Pitman, PA
717-648-1120

FARM EQUIPMENT

Tractor, JD 4430, good tires, syncro range, 4 post canopy, $10,800. 301-865-3613.

For Sale - 3 bale wagons, 2 7x14's, 1 8x18. 717-382-4254.

Gleaner model A 12' self-propelled combine. 717-548-2030.

For Sale - Two wheeled horse cart, wooden wheels. Perfect condition. Harness included. $350.00 firm. 215-367-6867.

NH 845 round baler, good cond., NH 80 bale mover. 301-882-1927.

For Sale - 4000 gal. water tank, never used. Elam E. Beiler, Box 121, Christiana, PA. Vintage Road Bake Shop, Vintage Road, PA 17509.

Wanted - Old barns and other out buildings, will pay cash. S & T Salvage 717-456-7583 RD#3, Box 80 Delta, Pa. 17314.

Baler International model 430 with thrower, $1900. Corn planter JD 4 row 496A, $1300. Elevator grain 30', $150. Cambria County. 814-749-8489.

FOR SALE

MF 165
MF 150
MF 2805 w/duals
JD 4020 power shift w/turbo
Farmall A
MF 1155 w/cab & air
MF 180
JD 4 row cultivator
JD 5 bottom automatic reset plow
MF 550 combine w/1143 corn head
3 field cultivators
1250 gallon per minute irrigation pump
1000 gallon per minute irrigation pump

L & M BURKHOLDER
Ephrata, PA.
717-859-2960
717-859-2712

FARM EQUIPMENT

Oliver 1850 diesel w/year-round cab, 814-793-4293.

Moving must sell Case 300 tractor, Case two bottom plow and disc, $2400. 717-626-0846.

MF 410 diesel combine, hydrostatic drive, AC, 23.1-26 tires, wheel weights, quick-tach 4RN corn head, 13' platform, automatic table height control. 301-790-2664.

For Sale - AC W-C snap coupler 2-14" plows, tires like new rear, best offer. 717-284-3280.

Crawler Tractor Parts.

New and Used Parts Available for Cat, Allis Chalmers, IHC, Case, John Deere and others.
Rubber tired construction equipment parts available for Hough, Michigan, Galion and Cat Road Graders.
Call or write for equipment & parts brochure.
VILSMEIER EQUIPMENT INC.
Route 309
Montgomeryville, PA., 18936
Phone: 215-699-3533

For Sale - IH 203 combine, 10 ft. header, 63 F700 Ford truck, 16 ft. dump, needs repair. 814-237-7523.

For Sale - NH 3-pt. sickle mower model 44-45-46, $225. Harford Co. 301-879-1621.

Oswalt 2840 stationary mixer, $1500. 703-721-2150; 721-2528 eves.

JD 4020 dual hydraulics, wide front, 814-793-4293.

Complete TRACTOR & ENGINE REBUILDING
Dynamometer Testing
FOR SALE
A.C. and Wisc. 2 and 4 cyl. power units with or without clutch reduction.
SPRING GARDEN REPAIR SHOP
RD #1 Box 204
Kinzer, Pa. 17535
Joe S. Stoltzfus

PULLING TRACTOR
IH 1466, pulls 10,000 and 12,000 pro stock hypermax equipped, with or without all stock parts, very clean, ready to pull.
301-874-2857 after 7:30 pm

Farmall Cub Tractor w/Cultv., Plow & Blade
AC 7000 Dsl. Tractor
AC 5040 Tractor
AC 185 Tractor
Farmall Super M Tractor
8C Hydra-Mac Skid Loader
MH #92 12' Combine
Good used 8 hp Simplicity Lawn Tractor w/36" mower.

ROY H. BUCH INC.
Ephrata
717-859-2441

FARM EQUIPMENT

Wisconsin Engines, one to four cylinders. Completely rebuilt, excellent condition. New or used parts. UPS or truck. 215-757-0363.

JD 60 new rubber, very good condition, $2000. 215-356-5305.

For Sale - JD 3690 forage harvester, like new, all hydraulic, 2 row 30" snapper head for high moisture ear corn, 3 recutter screens. 301-875-2250.

For Sale - 1956 Hough 4 wheel loader, model HO22A, $6,800. Myers 500 gallon double blast ag sprayer, mounted on Reo 6x6 army truck, $8,500. 34' Fruehauf self-contained live bottom trailer, $1,900. 2 Smitley range feeders, 4 ton capacity, one good $400. 717-473-3031 8-5 PM 717-473-3852 evenings.

IH, 1066, Excellent Condition, $9,850. 717-284-2761.

For Sale - Hesston 12' Hydro swing haybine, good cond., 215-944-0791.

FAST HITCH EQUIPMENT
IH Hay Rake, 5 bar $395; 2R Corn Planter $350; Frt. mtd. corn planter for Super C $225; IH 311 2B 14" Plow; IH 100 balanced head mower. 717-687-0102 Lanc. Co.

7720 JD combine, 16' platform, 643 corn head, 4WD, straw chopper, 30.5 drive tires, new belts, chains and sprockets, 1300 hrs. 301-778-5255 eves.

FARMALL TRACTORS
Cub Lo-Boy w/mower
Cub & Super A Wheel Weights
Cub Disc
Grader Blade
717-687-0102
Lancaster Co.

Reconditioned Holland and transplanters 1 & 2 row pulltype. 717-687-0102.

JD 4320 w/cab, dual hydraulics, original paint, low hours, 814-793-4293.

Self-propelled Fox Super D harvester w/model 2000 eight knife cylinder, electric knife sharpener, 4-71 Detroit, cab, air, pickup, 2 row corn and 12' direct cut head, $7950. 804-561-3267.

For Sale - 325 bu. N.I. Spreader, hyd. tailgate, top beater, pan, new web 1 yr. ago $2950. Snyder Co. 717-374-8750.

3300 JD combine, like new, 427 hours; JD 38 harvester w/pickup. Good condition, 814-926-3669.

12' direct cut head for 1800 series NH self-propelled chopper. 7' direct cut head and 2 row wide corn head for 800 series NH pull-type chopper. Farmway heavy duty barn cleaner power unit plus 300' chain. Cattleguards 2-16' concrete. 301-874-2857 after 7:30 PM.

Holland fertilizer hoppers, like new, $650 for both, 717-587-4839.

For Sale - ST2 Lister Diesel rebuilt $1650; Rebuilt VH4D Wisconsin engine $825. Burkholder's Repair, RD#4 Bell Road, Penn Yan, N.Y. 14527, 315-536-6789.

IH 1456 dual remote hyd., 18.4x38 axle duals; heavy duty 20' Amco wing disc, new 22" blades, $12,000 takes both, 717-786-2534.

JD model F145 5-16 plow
JD 157 disk drill
IH 370 12' disk
IH 400 Cyclo 6R corn planter
fiberglass fertilizer box
herbicide, insecticide boxes with monitor.
IH 56U 4R corn planter with fiberglass fert. boxes, good cond.
Will deliver in PA
717-925-2801

New 1300 gallon PTO liquid manure spreader, $1800. Call between 8 and 9 AM 717-768-3197.

FARM EQUIPMENT

Oliver 2050 diesel dual hydraulics, original paint, low hours, 814-793-4293.

Troyer potato grader with picking table. 5 ton hydraulic tandem farm trailer, 717-367-2633.

For Sale - AC planter, 8 row, $1500. 609-358-2384.

Old two cylinder John Deere fly wheels rebuilt with our patented steel draw in hub which has the ability to tighten up on new or worn crank shafts. Also available new manufactured unbreakable fly wheels. Allen Machine Works, RD #7, Jonesboro, Tenn. 37699, 615-753-5738 day or night.

For Sale - Two row snapper head for New Holland 890 chopper, excellent condition. 717-289-4495.

For Sale - 1980 AC gleaner, L2 corn plus, 400 hrs. on separator, 6 row narrow corn and 15' grain head, excell. cond., covered storage, $59,000, Warren Co., 201-753-5313.

IH 1066, Bean boom sprayer w/300 gal. stainless tank, 12' White field cultivator, 13' White disc, 12' offset IH disc, 4 row IH cyclo planter, 4 row Westco cultivator. All good shape and ready to use. 609-451-0904.

TD6 IH loader w/4-in-1 drop bucket. Old antique Case farm tractor. 9 ton 3 axle tag-along trailer. 717-648-7015.

For Sale - (New) NH 256 roller bar rake, $1850, 717-768-3197.

AC 60 Series Combine, 5', $200 or best offer, 717-872-5675.

Ford combine 5 ft. cut Wisconsin motor, good shape. Cumberland County 717-766-5093.

Gehl 1090 9" 3 cut haybine, complete with extra parts, also NH 310 haybaler, both in excellent cond., 703-459-2998 after 9 PM.

Combine IH 91 with 8' platform and pickup reel, many new parts, truly excellent cond., ready to go to work, 609-267-8653.

For Sale - NH L-775 Gas skid-loader bucket, low hours, good cond., 703-459-3998 after 9 PM.

65 HP Oliver 1550D, completely rebuilt, WFE, rebuilt by dealer, 400 hrs., 215-944-0222.

Combine IH 715. Hydrostatic-Air-13 ft. Grain Table-Cut 700 Acres- Excellent Condition 201-946-4135 between 7 & 9 PM.

IHC 815 combine diesel 4 row corn head 30", 13' grain head hydrostatic drive corn and soybean special w/floating cutterbar 215-689-9376.

Rotary scythe on steel w/cart, ready to mount engine, $2000 or best offer. 717-776-7650.

Hesston 320 self-propelled haybine; JD 2014 hay baler; 2 bale wagons w/racks. Huntingdon Co. 814-448-2900.

For Sale - Case 970, recent overhaul, good rubber, make offer, 717-436-8832.

AC 780 forage harvester, like new $2850, 717-235-2633.

Chisel plow 12' - transport spring harrow 18' - Ezy-Flow 12' Brillion packer 12' - Melroe harrow 24' - Disc 14'. NJ 609-259-2802.

For Sale - cornplanter, 4 row, no-till Oliver 543, good condition. Bradford 717-358-3129.

For Sale - New Nicholson tedders, parts, total, retail value $500 will sell all for $350, 717-278-3637.

MF 510 combine diesel, hydro, air cond., 13' grain head, 4 RW corn head, field ready, $16,500. 301-795-9109.

Umberger's Of Fontana

RD4, Lebanon, PA (Fontana) 717-867-5161 or 717-867-2613

Mon.-Thurs. - 7:30-5:00; Fri. - 7:30-8:00; Sat. - 7:30-4:00

New Idea Gehl Brillion | Hesston Bush Hog Glencoe | Wic Kilbros Gilson Toro | Trustworthy Hardware! The Problem Solvers

OUR DUTCH AUCTION IS BACK!

	STARTING PRICE	DAILY REDUC. (except Sunday)	PRICE 6/13/83
USED EQUIPMENT			
IH 37 Baler w/thrower	$1353.00	$4.00	$993.00
Gehl 87 Hopper Blower	$592.00	$2.00	$412.00
IH 56 Hopper Blower	$1194.00	$3.00	$924.00
IH 55 12 tooth Chisel, Pull	$2352.00	$4.00	$1992.00
Ford 2 row 3 pt. cultivator	$390.00	$1.00	$300.00
AC 4 row 3 pt. cultivator	$932.00	$3.00	$662.00
NH 770 Harvester 2 row Narrow Head, Electric Controls Pickup Head	$5951.00	$5.00	$5501.00
NH 676 Tandem Axle 285 Bu. Spreader w/tailgate	$3254.00	$5.00	$2804.00
Ford 142 4x16" Automatic Reset 3 pt. Plow	$1976.00	$4.00	$1616.00
IH 449A 4 row Corn Planter	$694.00	$3.00	$424.00
JD 1209 Windrower 9' 3"	$2942.00	$8.00	$2222.00
Roteria 10 ft. Power Harrow 3 pt.	$1995.00	$3.00	$1164.00
729A Uni Sheller	$3750.00	$5.00	$2365.00
NEW EQUIPMENT			
Bush Hog Chisel Plow 8' 8 tooth 3 pt. 3 bar w/gauge wheels	$1992.00	$5.00	$1542.00
Bush Hog Chisel Plow 10' 10 tooth 3 pt 3 bar w/gauge wheels	$2293.00	$6.00	$1753.00
New Idea 762 2 row Corn Head	$2714.00	$25.00	$464.00

Used Equipment

NH 782 Harvester w/2RN C.H and Hay Pickup Hd., nice cond
NH 717 Harvester w/2RN C H.
Brillion 11' Packer
NH Sickle Bar Mower
Allied Grinder-Mixer
Ford 3 pt Hay Rake
Sauder Loader
Glencoe 5 Shank Soil Saver, Ex. Cond
Brillion 10'3" Mulcher
Brillion 12'6" Field Cultivator w/Busterbar
IH 686 Tractor, 825 hrs. mint cond
Gehl CB 600 Harvester w/2 row head, new style
NI 717 Combine w/713S Head
NI 701 Uni w/710 combine and 711 grain platform
NI 702 Gas Uni w/cab
JD 3 pt. 6' Rotary Chopper

New Equipment

Hesston 4600 Bee Line Baler
18' Steel Bale Rack Wagon
Hesston 1091 Windrowers
Tye 10' No-Till Drill Available for Rent
NI #565 Bale Thrower
Gehl #4600 Skid Loader (Demo)

SOYBEAN SEED AND INNOCULANT
*Stanford (Falcon and Burr)
*Williams

Mr. Farmer...We now have available at our store Liquid Nitrogen for your side dressing needs or we will deliver.

FARM EQUIPMENT

JD 4230 Roll Guard, dual hydraulics, 814-793-4293.

NH TR85 Combine (Demo) $55,000
NH TR70 Combine 1040 hrs $32,500
NH 890 Harvester $4,000
NH 892 Harvester, new, w/metal alert $11,000
NH 717W Pickup . . . $600
IH 550 Harvester w/2 heads $800
WENTZ FARM SUPPLY
Palm, PA 215-679-7164

For Sale - IH 150 spreader, three beater, exc. cond. Case four bottom mounted plow, NI three point hayrake, new JD tractor tire, rim and hub 23.1 x 30. Also two service age Holstein bulls. 215-932-2767.

For Sale - Gehl HA 1100 hay pickup attachment. New, never used, $1700. Chester Co. 215-273-2943.

For Sale - New Idea Uni System 704 power unit 710 combine 767 Super chopper 768 corn head 711 grain head, priced to sell. York Co. 717-862-3682.

New Badger 1500 gallon vacuum manure tank, 540 RPM's, tandem axle, $5400. 215-562-7218.

JD 4320 diesel, dual hydraulics, wife front, 814-793-4293.

USED EQUIPMENT
Loader for AC 160
Grove Self Unloading Wagon, 3 btr. & roof
NI 10 Ton Spreader
JD 14T Baler
NH 358 Grinder Mixer w/scales like new
IH 1150 Grinder Mixer w/scales like new
(2) New Armstrong 6 ply tires, mtd. on wheels & rims to fit D17's & 175 tractors

USED TRACTORS
AC 7060, low hrs.
AC 185
AC 17 Gas Series III
AC D17 Diesel
Case 2290, like new
IH 284, like new
MF 1085
Used Lawn & Garden Tractors w/mowers

SPECIAL PRICE
on new
AC 4 Row Cultivators
(only 2 Left)

NEW
AC 5050 Low-Profile Tractor
1 only
Special Price
$10,995

NEW EQUIPMENT AT USED PRICES
Many Models
New Holland Spreaders

NEW EQUIPMENT
Amco Disc
Bale King Hay Wagons
NH Skid Loaders
Hub Tool Elevators formerly N.H.
Gleaener Combines

NEW HOLLAND MANURE SPREADERS

FULL LINE OF AC TRACTORS INCLUDING THE NEW 8000 SERIES CALL FOR DISCOUNT PRICES.

BHM FARM EQUIPMENT INC.
RD1, Annville, PA
717-867-2211
or Bob Gantz Sales
717-653-5020

FARM EQUIPMENT

Int. 205 combine, late model, 13' grain, 3-row narrow corn, cab. 717-758-1739.

For Sale - JD 4020 Diesel, wide front, weights, differential lock, all original, good cond., $7000. 717-532-8601.

MF 180 tractor, steel wheels or tires, dual hyd., live PTO, multipower and alternator; MF 3 bottom 16" roll-over plow, $5650. 717-922-1650, 922-1034.

Balzar stationary forage unloading box, hydraulic drive w/flow control, used w/dump trucks to fill silos, $5000. 215-562-7218.

For Sale - Antique tractor JD LA w/plow, $500. 717-463-2394.

JD M w/plow, cultivators and discs, excellent condition, $2100. 301-848-1272.

Oliver 4-16 semi-mounted plow, 814-793-4293.

JOHN DEERE

JD 4630 Tractor
JD 4430 Tractor w/Roll Guard
JD 4430 Tractor w/Row Crop Fenders
JD 4030 Tractor
JD 4010 Tractor w/Loader
JD 2640 Tractor
JD 2640 Tractor
JD 2640 Tractor w/145 Loader
JD 2440 Tractor
JD 850 Tractor
JD 60 Tractor
JD MT Tractor w/plow, Cultv. and Mower
JD MT Tractor w/Cultv. & Wood Saw
Farmall 656 Tractor
Farmall M Tractor
Farmall H Tractor
JD 170 Skid Steer Loader
IH 184 Lo-Boy w/mower
JD 24T Baler w/ejector
JD 7000 6R Consv. Planter w/Liquid Fert.
JD 7000 4R Consv. Planter w/Dry Fert.
JD 7000 4R Consv. Planter w/liq. fert.
JD 1240 4R Plateless Corn Planter
JD 1440 No Till Corn Planter
NI 325 2R Corn Picker
JD 3800 Chopper w/2R corn head
JD 35 Chopper w/2R corn head
JD 3940 Chopper w/2R C.H.
JD 110 Disc
JD BWA Disc
JD B Plane 15 Disc Grain Drill
JD FB Grain Drill
JD 4400 Combine w/Platform & C.H.
JD 4400 Combine w/444 Corn Head & 13' Platform
JD 7700 Combine
JD 7700 Combine w/643 Corn Head & Platform
JD 55 Combine w/Platform & 2R Corn Head
Gleaner A Combine
JD 244 Corn Head
JD 115 Chuck Wagon
JD 125 Chuck Wagon
JD 716 Forage Wagon
NI 279 Cut/ditioner
JD 1450 4B Plow
JD 145 6B Plow
JD 1450 5B Plow
IH 5B Plow
IH 6B Plow
NH Tank Spreader
JD 400 Grinder Mixer
JD 400 Lawn & Garden Tractor

ENFIELD EQUIPMENT INC.
Whiteford, MD 21160
Ph: 301-452-5252

FARM EQUIPMENT

David Brown 1200 Diesel w/loader, 814-793-4293.

For sale - 1954 Ford Jubilee, complete overhauled motor, Bush Hog plow 2'4 cultivators disc, best offer. 717-284-3280.

28' bale elevator, $250. 717-548-2877.

AC 4 row cornplanter, $395; Oliver 5 bottom auto. trip, $395. 717-354-0266.

JD 4630 Diesel, dual hydraulics, 814-793-4293.

TRACTORS
- Case VAC
- Case 930 Tractor "CK"
- Case 430
- David Brown 990 w Loader
- Oliver 500
- White 2-105 Tractor

LOADERS
- Case 1737 Skid Loader
- Case 1740 Skid Loader
- Case 1816 Skid Loader
- Case 450 Crawler Loader
- Case 450 Crawler Dozer
- Dunham Lehr No 22 Loader
- Int 3200 Skid Loader

TILLAGE
- Case 6-Bot Plow, 20"
- Case Disc Harrow, 10
- JD 9' Disk Harrow
- Oliver 2 Bot Trailer Plows
- Used Cultipacker

HARVESTING EQUIPMENT
- Case 600 Combine w/3 Row Head
- NI Unisystem 702 Tractor, 710 Combine & 760 Harvester
- NI 709 Uni-System
- NI 315 Gathering Unit
- NI 316 Husker
- NI 315 Sheller
- NI 729A Sheller
- NI 731 4-Row Head
- NI 767 Super Chopper
- NI 737 Cornhead
- NI 323 1-Row Cornpicker
- NI 2 Row Cornpicker
- Int Mtd Picker, 2 Row
- IH 550 Harvester
- Case 300 Harvester
- Case 220 Baler w/Thrower
- NH 717 Harvester
- Gehl 1200 Harvester w/pickup and 2-row cornhead

HAY EQUIPMENT
- NH 469 Windrower
- NH 1002 Stack Wagon
- Hesston PT 10
- Hesston 1090 Windrower
- Dump Rake
- 3 pt. Hookup Mower
- Bale Thrower Wagon
- Case Hay Rake
- NI Hay Rake
- NI 456 Round Baler
- JD 14T Baler w/thrower
- Used Running Gear w/Flat Box

MISCELLANEOUS
- Ford 4-Row Corn Planter
- IH 400 Corn Planter, 8 Row
- 8 Used Spreaders
- NI 218 Spreader
- NI 224 Manure Spreader, 10 ton Like New!

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WINDROWER
$3,000

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case

Late Model Case 1030 Tractor w/turbo
Case 2390 Tractor 1982, Fully Equip., 100 hrs. Dual Wheels, Traded for other Machinery.
Case 1690 Demo, Cab, Heater, Fully Equipped.
MF 135 Diesel tractor.
JD 7100 Corn Planter, A-1 shape, set up for fert.
Case 308 5x18 Auto. Sp. Reset Plow, used about 9 acres, good price.
SC 7 Soil Controller
Brady tub spreader
NI 727 Husking beds, good shape
NI 701 Power Unit A-1 Shape
Plus NI cut/ditioners & mow/ditioners, tractors & spreaders in stock at Good Prices.
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FOR SALE
SAME Leopard 85, 4WD, SOLD, heater, radial tires, 420 hrs., new cond., $17,900.
Taylorway model 200 217 disc harrow, 10' w/flex bearing hangers, 22" blades, new cond., $3550.
552 Ford SOLD d baler, exc. c d., $5500
NI 218 spreader with hyd. gate, cylinder & hoses, flotation tires, Gratz chain, good cond., $4300
Dion 60" forage blower, good cond. $1385
N.I. forage blower, model 620, 54"fan, good cond. $875.
NH model 469 mowditioner, $2,100 good cond.
NI #323 1 row picker, like new, 90 acres, $4,300
Moore all till drill, 10' w/Gandy applicator, exc. cond., $9500
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AC 7050 PS, w/cab
AC 7040 PS, w/cab
AC 7020 PS, w/cab
AC 190XT D w/cab
AC 185 D
AC WD45
AC WD
AC HD3 Crawler w/dozer blade
Ford 3600 G w/1400 hrs.
Ford 901
Case 630 w/loader
Case 300
MM G1000 D
MF 1105 D w/cab
MF 50 D
MF 30 w/loader
White 2-50 D
Oliver 550
IH 986 w/cab, air, only 1400 hrs., EXCELL!
IH 560 D
IH 460 D
Farmall 400
JD 4020 D
JD 4010 D w/PS
JD 4010 D
JD 3020 G w/PS
JD 2010 D
JD 60
JD MT

BALERS
NH 68 w/53A Thrower
NH 271 w/Thrower
MF 10 w/Thrower IH 56 w/Thrower
(2) IH 440 w/Thrower

COMBINES
Gleaner N5 w/15' floating grain & 630 corn heads
Gleaner MKS w/13' grain & 630 corn heads
Gleaner CII w/13' grain & 438 corn heads
Gleaner AII w/cab & both heads
Gleaner AII w/12' grain Head
Gleaner E w/cab & both heads
NH 975 w/11' grain & 238 corn heads
MF 300 w/11' grain & 238 corn heads
IH 315 w/cab, grain & corn heads
JD 8820 w/950 hrs., cab, air & heat, 15' floating grain, 830 corn heads, like NEW!
JD 55 Super w/cab, 12' grain & 330 corn heads
JD 55 w/12' grain & 338 corn heads
JD 45 w/both heads
JD 45 w/grain head
NI Uni-System 702 w/717 combine, 4-row corn head
NI 767 Chopper w/702 2-row Corn head & 761 Pick up Head

CORN PLANTERS
AC 600 No-Til Air Champ Planter, 4-row w/liquid fertilizer
AC 600 No-Til Planter, 4-row
AC 500 4-row Planter
(2) JD 494A Planter, 4-row
IH 56 Planter, 4-row
(2) AC 2-row, 3 pt. Planter

TILLAGE
JD 7B Plow on land
AC 5B Semi-mt. Plow
AC 80 Snap Coupler 3B-16", 3 pt.
Oliver 6B Spring Trip Plow
Oliver 5B Spring Trip Plow
Oliver 3B - 3 pt. hitch Plow
MF 13' Transport Disc
JD 9' Transport Disc
JD 11' Transport Disc
JD 15' Mulcher
JD 8' Disc

MANURE SPREADERS & MISC.
NH 676, 285 BU. NH 516 NH 475
NH 175 BU.
NI 218, 325 BU.
NI 214, 206 BU.
(2) NI 213, 175 BU.
Badger 205, 200 BU.
Weaverline 224 Electric Feed Cart, 30 BU.
Weaverline 223 Electric Feed Cart, 24 BU.

HAYBINES
(2) NH 469
(2) NH 479
Hesston 110 Self Propelled
NH 461
AC 904

FARM EQUIPMENT

JD 2940, low hours, dual hydraulics, 814-793-4293.

Case tractor, model SC, motor recently overhauled, $550, 717-486-7861.

Int. 11' fertilizer and lime drill, like new, $1000. 717-898-8736.

2 section rotary hoe; 4 row John Deere front mounted cultivator for 3020 or 4020 tractor; 15 KW Winpower alternator; Angle bulldozer blade for TD 9; 6 calf hutches with wire pens. 717-624-8561 Adams Co.

FARM EQUIPMENT

Straw chopper for 7700 JD combine. 215-298-2334.

Better Bilt 1500 gal. vacuum spreader w/soil injectors, exc. condition. 301-398-8766.

For Sale - JD 350 Diesel loader with cage, new tracks, very good cond., $7400, 717-626-5678.

JD 250 gallon sprayer, $625; Mott 5' Flail Mowers $550; IHC 2 R Corn Planter $225. NH 450 7' Sickle Bar Mower. All 3 pt. hitch. 717-687-0102 Lancaster County.

FARM EQUIPMENT

Wanted - good used manure bucket to fit AC D-15 manure loader. 717-927-6772 after 7:30 PM.

For Sale - 410 combine with 1143 4 row corn head, will sell separate, 717-872-8508.

IHC 300 utility gas, PS, w/Wagner loader, log forks, counter weight, PTO, no quick hitch, $2300. Allegany County, Cumberland, MD 21502. 301-724-5126.

FARM EQUIPMENT

IH856 wide front, 3 pt., original paint, 814-793-4293.

Boggs potato grader with dirt eliminator and roller picking table, variable speed motor with reduction gear, good chain, ready to go. Phone 609-451-7014.

Delta Farm Repair - repair on old ard new farm machinery, welding and burning. Located in Old Robinson Building in Delta. 717-456-5050, home 456-5049.

FARM EQUIPMENT

2 automatic Mix-Mill hog feeders with 11 hoppers 5' apart for floor feeding, $400 each. Fred. Co., MD. 301-829-2925.

1 JD 730 diesel tractor, narrow front, power steering, A1, $3000; 1 ground driven Nicholson hay tedder; 1 ground driven Grimm hay tedder, make offer, 717-698-5601, Wayne Co.

Cab R-2 crawler, gas 4J788SP, hydraulic blade, as is, $650, 717-755-6946.

FARM EQUIPMENT

AC G with cultivator $1850; Case 400 Diesel $1780; Case 400 gas $1880; IHC 6 row cultivator $650; Ford 8N with 2 bottom plow $1450; Case 430 with loader $3888; wanted big trailer Bush Hogs. Ed Goodrich Jr. Rt. 38 and 38B, Newark Valley, NY 607-642-8688 or 8519.

Ford 7700, diesel, low hours, exc. condition, all available options, except cab; Ford model 151 automatic reset plow, 3 bottom. 814-839-2514 after 6 PM.

FARM EQUIPMENT

Gallion 700 motor grader. 703-721-2150, 721-2528 eves.

JD backhoe front end loader; JD 34 manure spreader; NH mower-conditioner, like new; Hesston mower-conditioner, exc. cond.; MF hay baler; MF 235 diesel tractor, low hrs.; new 48 HP diesel tractor; new 5' Bush Hog, special price $6550. 703-882-3573.

JD 7000 corn planter, 4 row, no till, w/monitor. 814-793-4293.

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IH No. 10 SUBSOILERS, 8'3, 11'9 and 15'4 ..... **In Stock Ready To Deliver**
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Most Used Equipment Avail. At 11.9% A.P.R. Plus Waiver of Finance

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Int. F12 w/cult.
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IH 886 D, Rops, Less Than 1,000 Hrs., Like New
IH 806 Diesel
IH 1566 D., Cab & Air, 30.5x32 tires, new TA, Real Nice - $16,500
IH 560 Gas, 400 Gas
IH 154 Lo Boy w/Blade & Mower
(2) Farmall M
MF TO-30 w/Turf Tires
MF TO-30 w/Ag Tires
MF 33 w/3 pt. Hitch
JD "A" w/loader & power steering SOLD

Waiver of Finance to 9/1/83 Plus 11.9 A.P.R. Interest

TILLAGE:
Pittsburg 9'1" and 11'6" Disks
JD 4 Bot. Mtd. Plow
JD 3 pt. 3 Bottom 14" Plow
JD TO 310, 32 Disk, Real Nice
JD 110 12' Disk, Good Shape
IH 370, 350, 37, 35 In Various Sizes
Cub 2-Way Plow
Oliver 4-Bot. Semi-Mtd. Plow
IH 11' Trailing Chisel w/Buster Bar
IH 700, 5 Bot., 18" Plow
IH 700 6 Bot. 16" Plow
IH 550 5-Bot. 16" Semi-Mtd. Plow
IH 531 3 pt. 3 Bot. Plow
IH 311 Fast Hitch Plow, 3 Bot.
AC 1-Bot. Trailing Plow
MF 3 pt. Mtd., 3 Bot. Auto Reset Plow, like new
Glencoe 12' 9 Soil Finisher — ~~$3,950~~ — $3,750
Vicon 10' Power Harrow — ~~$2,600~~ — $2,300

COMBINES:
715 Diesel Hydro w/13' Floating Cutter Bar
844 Cornhead, Like New
810 13' Cutter Bar
MF 35 w/8' Platform
MF 410 Gas, w/34 Cornhead & 13' Platform
KKS Gleaner 10' Platform, SOLD Row Corn head, like new
FKS Gleaner Diesel 4 Row Wide, 12' Platform

IH 315 Hydro (For Parts)
IH 403 w. 4-Row Wide Head & 12 ft. Grain Platform
IH 315, 2-Row Wide Head
IH 203 w/2 Row Head
IH 227 Cornhead, fits 315, 205 or 203
Set of Tires & Rims for 1420 Combine - 23x134 Rice tires

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IH 455 4-Row
IH 658 6-Row Narrow Dry Fert.
4 & 6 Row Cyclos, Field Ready!
(2) JD FBB 17x7 DD
IH No. 10 13x7 Plain Drill
IH 510 16x7 DD, Comb. Drill, Real Nice!
Oliver 24x6 Combination Drill
MF 13x7 Comb. Drill

HAY & FORAGE EQUIPMENT:
MC 60 2-Row Shredder, Like New
IH 105 Forage Wagon, Rebuilt
IH 120 2-Beater For. Wgn., Like New
#8 Flail Chopper, Like New
33 NH Flail Chopper
JD 115 Forage Wagon
Gehl FBB 88 Blower
Badger TA-54 Blower, Like New
550 IH Chopper
1014 Hesston Mower Cond.
NH 770 Chopper, 2 Row Wide & Pickup
IH 27 Baler w/Thrower
IH 440 Wire Baler w/Thrower
New - 451 NH 9' 3 pt. Hitch Sickle Bar
Kuhn GF 452 4-Star tedder, Nice Shape
5026 Elec. Wheel, 8 ton Gears

MISCELLANEOUS:
Used CP Model 250 Rotary Vane Air Compressor w/IH 282 Diesel Engine Mounted on CO 1600 Int. Truck - $3800
Int. 2000 D. Single Axle Truck Tractor, 10 Speed, Road Ranger - $4500

MATERIALS HANDLING:
IH 1150 Grinder Mixer
Farmhand Loader for IH 74 Series Tractor
157 Hawk Bilt Spreader - $995
NI 12A Ground Drive Spreader
NI 216 Spreader, PTO, Flail Type
200 Gal. Century Sprayer, Piston Pump

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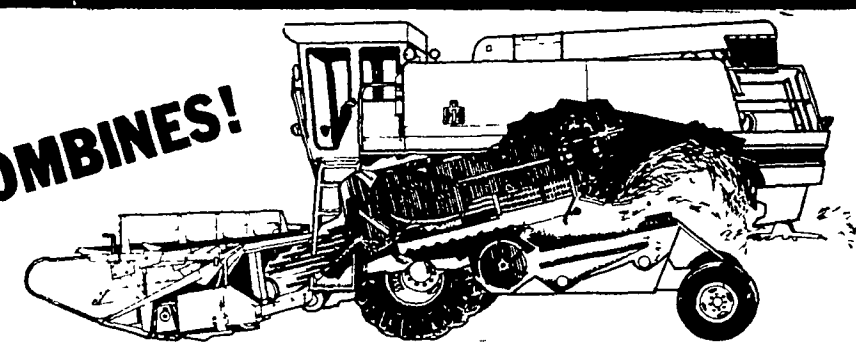

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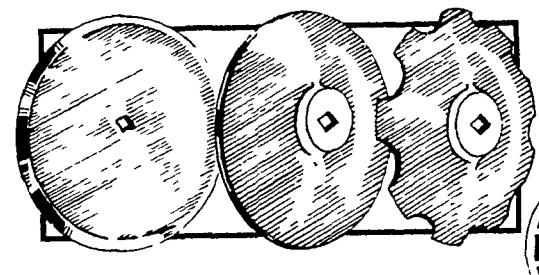
We Specialize In IH Combine Parts and Service



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For Sale - IH 55T baler with thrower, new 8 HP Briggs and Stratton engine on thrower, good cond. Also have another 55T used for parts, can have it along with the other baler $800 or best offer, 215-488-1947.

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NH 489 haybine, new, never used, double action cylinder and additional knives included, all new. $8500 cash. 301-898-7097 after 6 PM.

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New Holland Self Propelled haybine $6000. Field sprayer mounted on Oliver 660 tractor front mounted 40' spray booms, 150 gal. fiberglass tank. Meyers PTO pump $5500. All in good condition. Montg. Co. 215-272-0928.

40 horse power Case steam engine, Butstrap boiler, good traction engine. 1915 runinoder, needs minor repairs. 717-637-9107 after 9 p.m. Eight thousand dollars ($8,000).

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D7807 Deutz tractor, 74 h p
DX 120 Deutz tractor, 111 h p, w/4 post safety frame
Leon 636 heavy duty front end loader, fits Deutz tractors
Deutz-Fahr KH500 17' Hay Tedder
Deutz Fahr KH300 9 8 Hay Tedder
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FARM EQUIPMENT

JD 4010 w/new engine, 38" rubber, front exc., 814-793-4293.

Oliver OC96 crawler loader w/ripper, $5500.
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Ditch Witch J20 rubber tire trencher w/trailer, $3500.
DENNIS M. MILLER
Rt. 22 Grantville, PA
717-833-1888 anytime.
717-469-0937 daily.

JD 4020 diesel, wide front, power shift, $7200. 717-532-7054.

For Sale - IH 16 harvester, $700. NI fertilizer spin spreader, $450. 717-463-2394.

All Horse Drawing - 2 plows, 1 mowing machine, 1 dump rake, 2 cultivators, 1 running gears wagon. All in good shape. 914-726-3599 after 6 PM.

Oliver 1850 Diesel w/cab, like new, 814-793-4293.

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JD 4440
SGB w/AC
Quad Range
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385 hrs.
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Combine, Harvester and Corn Head Parts For Sale off used machines. Wenger's. 717-866-2135.

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JD 720 diesel, wfe, 3 pt. 814-793-4293.

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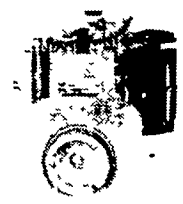

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Experienced gas and diesel engine repair, custom metal lathe work, diesels mounted on equipment and other gasoline applications

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JD 2630 diesel, ind. PTO, 16.9x30 tires $6750
NH 276 baler w/super sweep pickup, $2200
NH 273 baler w/super sweep pickup, $1800
White 8 tooth, 3 bar chisel plow, $900
Cub cultivator & plow, $300
Ford 142 5x16 semi auto. spring trip plow, $1250
MF 300 combine, gas, w/cab, quick tach, grain head, $3200
MF 510 diesel, cab, quick tach w/grain head, $4900
16' bale thrower wagon, 6 ton gear, $925

Horning's Farm Machinery
Ephrata, PA
717-733-7408

FARM EQUIPMENT

JD 3010 diesel. 814-793-4293.

For Sale - Kools blower, 1000 RPMs, good condition. $800. 717-463-2394.

NH 479 HAYBINE $2,550
JD #34 FORAGE HARVESTER W/ PICKUP AND CORN HEAD $1195
NH 310 BALER W/ THROWER $7,200
SUPER 66 NH BALER PTO $495
PICKUP HEAD FOR #16 HARVESTER $300
SHOVER'S
Loysville, Pa.
717-789-3117

NH #273 BALER W/THROWER SHORT HITCH, REAL NICE
NH #269 BALER W/THROWER
NH 489 HAYBINE
GEHL #600 FG. HARVESTER W/ PICKUP HEAD
NH #315 BALER W/THROWER
NH #268 BALER W/THROWER
NH #27 BLOWER GOOD SHAPE
BADGER BLOWER GOOD SHAPE
NH 479 HAYBINE GOOD
DUNHAM 8' CHISEL PLOW HI CLEARANCE
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717-243-2686

TRACTORS
Case 930 Dsl, WFE
MF 175D 8 speed
JD 620, PS
JD 2010G
AC 5040 700 hrs.
AC D17, PS
Farmall Cub w/mower
Ford 9700 Dual Power
Ford 8000 Tractor
Ford 7000 Fully Equip.
Ford 801D, PS
Ford 5000 D
Ford 4000, line PTO
Ford 3000 8 Speed
David Brown 780
Satoh 650 w/mower
Satoh Elk w/mower
Satoh Bull, like new
Ford 5B Sp. reset plow
JD 18' wing disc
MF 33 Grain Drill
NI 206 Spreader
NI 216 Spreader
JD 1240 Corn Planter
Ford 501 Mower
Ford 532 Baler
MF 6' Rotary Cutter

TRACTORS & LOADERS
Ford 801 Dsl.
(2) 3400 3 pt.
Ford 600 Gas
860 w/Power Steering
Ford 9N
Ford CL40 skid loader
Ford 801 backhoe
Case 620, PS

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Quakertown, PA 18951
215-536-4046

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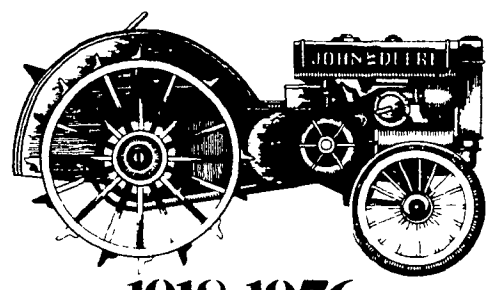
John Deere Tractors



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IH 826 w/ROPS
IH 340
IH 656 Dsl w/2000 Loader
IH 504 w/Loader, nice
IH 2500 Industrial Tractor w/Loader
IH 2500 Tractor/Backhoe Loader
IH 706 Tractor
IH 656 Gas Farmall Tractor
IH 200 Farmall
IH 756 Diesel Tractor
IH 2250 Loader
IH Cub Cadets
IH 460 Gas
IH 1568 Diesel w/cab and air
IH 706 Dsl tractor w/310 Motor
IH 1066 Tractor w/cab, 2050 hrs
IH Cub w/mower
JD 4010
JD 60
JD 70 Skid Loader
Case 400 Gas
#10 Hydra-Mac Skid Loader
Hydro 100 Diesel Tractor w/2350 Loader
Hough Loader 4WD w/Cummins Dsl

USED CORN PLANTERS

IH 400 6R 30" no-til
IH 400 4R 30" no-til
IH 400 4R 40" no-til
IH 56 6R 30"
IH 56 4R
IH 455 4R
IH 449 4R
White 5400 4R 30" liquid fert no-til
JD 1240 4R
Ford 311 4R

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COMING IN....
Case SC nice
NH 27 Blower

WAGONS
Coby 14' wagon w/rear unload
VanDale 185 Mixer Wagon w/Scales
Coby 4000 Fg Wagon
Grove Fg Wagon w/7 Ton Gear
Grove 14' Fg Wagon
Badger Fg Wagon w/Tandem Axle, Roof
NI 603 Fg Wagon
Badger 16' Fg Wagon

HARVESTERS
Fox 263 Late Style Head
Fox 546 Fg Harvester
Fox 3300 w/2R Narrow Corn Head
Fox 249 Snapper Head
Fox 215 2RN Corn Head
Fox 1000 Fg Harvester
NH #818 Fg Harvester
IH #16 Fg. Harv w/1 row head
IH 650 Fg. Harv 2R
IH 555 Fg Harvester
Brady 608 Flail Chopper
NH #36 Flail Chopper
Fox 3000 Fg Harvester

SPREADERS
NI 224 Manure Spreader
NI 218 Manure Spreader
NI 214 Manure Spreader
NI 213 Manure Spreader
NI 212 Manure Spreader
Hawk Bilt 205
Badger 3000 gal gal Liq Tank Spreader
Clay 1500 gal Vac Tank
NI 214 Flail Manure Spreader
Hawk Bilt 357 Spreader
Hawk Bilt 207 Spreader

COMBINES
IH 915 Combine w/6R Corn Head
IH 715 Combine w/4R Corn Head
IH 615 Combine w/10' Platform
IH 205 Combine w/13' Platform
IH 843 4 Row N Corn Head
IH 76 Combine
IH 303 Combine w/13' Platform

HAY EQUIPMENT
IH 2400 Big Roll Baler
IH 440 Baler w/Thrower
NI 279 9' Cut/ditioner
IH 990 9' Windrower
OMC 208 9' Windrower
Case 555 9' Windrower
IH 225 SP Windrower
Hesston 10' Hydro Swing Windrower
Hesston 320 AP 9' Windrower
JD 5' Rotary Mower - Excellent
NH 27 Blower
IH 56 Blower
Gehl Blower
AC Rake
Oliver Rake
JD 640 Rake like new

TILLAGE EQUIPMENT
IH 710 4x16 Plow Reset
IH 720 5B 20" Plow
IH 700 5x16 reset Plow
IH 311 Plow
Oliver 3x14 3 pt Plow
Case 4x16 Reset Plow
JD 5x16 Reset Plow
Case 8' Disc Offset
IH 9A 9' Disc
IH 19B Disc
Kewanee 13'6" Wheel Disc
Athens 12'11" Disc, Like New
JD KBA 12' Disc
IH 53 4 Row Cultivator
Niemeyer Power Harrow

NEW IDEA UNI EQUIPMENT
705 Power Unit
840 Feeder House
818 Combine
767 Forage Harvester
713 Platform
744N 4 Row Corn Head
844W 4 Row Corn Head
770 Ear corn Adaptor
768 3 Row Wide Narrow Corn Head
767 Forage Harvester
710 Combine
729 A Shelter
NI 744N Corn Head
770 Feeder House

GRAIN DRILLS
Haybuster 1206 no til drill, excellent
IH #10 Grain Drill, nice
JD 13x7 Grain Drill
JD 17x7 Grain Drill

MISCELLANEOUS
3 pt Stack Mover
Jamesway 60' Belt Feeder
KW Loader for IH 284
Walsh 200 Gal Sprayer, Nice
Boyhill 300 gal. Sprayer
Hesston #10 Stacker
JD 150 gal 3 pt. Sprayer
Better Bilt 12' Manure Pump
Badger 26' Conveyor
Century 3 pt hitch sprayer
1976 Chevy C60 tractor w/18' bed
40' of Silo Pipe w/gooseneck

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JD MT tractor $1,200
JD 730 diesel, electric start
JD 2440 tractor, sharp
IH 300 utility w/loader $1,750

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JD F350, 4 bottom 16"
JD F145, 4 bottom 16"
JD 145 plow, 5 bottom 16"

DISCS & HARROWS
JD 12' drag harrow
JD KBA transport disc 10'
JD drag disc 8' $395
IH 10' disc, transport disc
AC drag disc $295

PLANTERS
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NH #8 forage box w/new running gear
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Grove wagon $225
MF 160 spreader w/hydraulic endgate

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Yanmar 22 H.P., 4-WD..... $6,500
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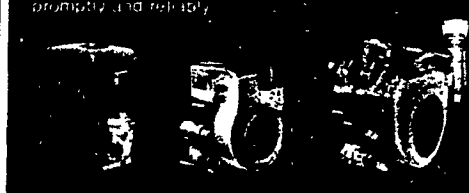

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w/3 pt. hitch grooming mower

1970 GAS TRACTOR
power shift, low hrs.

1965 4520
Good cond., low hrs.

975 NH COMBINE
w/corn head and grain head

Used Planters
JD 1240, 6 Row
JD 494 A, 4 Row

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Deutz Performance and Economy in the 70-to-80 Hp range!

Featuring the Longer stroked 913 Deutz diesel, Non-turbocharged. Best combination for utility tractors: more flexibility, instant power at all speeds, no turbo lag or "dead spots" in the power range. Will not "wet stack" under prolonged light loads. Longer engine life with fewer repairs.

D 7807 specifications--a mid-size tractor that really measures up!

Horsepower	73 pto (manufacturer's rating)	**Hydraulic system**	Deutz Transfermatic, open center
Engine		Pumps	Tandem, engine-mounted
Model	Deutz F4L 913, direct air-cooled diesel	Flow/pressure	18 4 gpm/2,538 psi (69 7 lpm/175 bar)
Cylinders	4	Remote	1-2-3 double-acting valves, lever coupler
Bore/stroke	4 02 x 4 92 in (102 x 125 mm)	**Three-point hitch**	Cat II, with linkage stabilizers
Displacement	249 cu in (4085 ccm)	Lift capacity	5,732 lb (2,600 kp) at hitch point
Rated speed	2,400 rpm	**Steering**	Hydrostatic power steering
Clutch	Dual, dry disc	**Capacities**	
Transmission	Deutz TW 56 20	Fuel	24 3 gal (92 lit)
Speeds	12 forward, 4 reverse, triple range	Engine crankcase	9 qt (8 5 lit) including filter
Speed range	1 3 to 18 6 mph (2 16 to 30 kmh)	Transmission	38 qt (36 lit)
Gear synchronization	All, column-mounted shift	Hydraulics	14 8 qt (14 lit)
Range synchronization	None	**Tires**	*2 wheel drive* / *4 wheel drive*
Differential lock	Mechanical, foot-operated	Front	10 00 x 16 / 11 2 x 24
Brakes	Externally-mounted, double drum	Optional front	— / 12 4 x 24
Service	Hydraulically-actuated expanding shoe	Rear	18 4 x 30 / 18 4 x 30
Parking	Independent, hand-operated	Optional rear	16 9 x 34 / 16 9 x 34
Power-take-off	Independent, dual-speed	**Bare operating weight**	6,614 lb (3,000 kg) / 7,429 lb (3,370 kg)
Shaft	1⅜ in 6-spline single shaft	**Dimensions**	
Speed (at engine speed)	540 (at 2,025 rpm); 1000 (at 2,170 rpm)	Wheelbase	95 in (2,414 mm) / 96 in (2,429 mm)
		Tread width	60 to 80 in (1,520 to 2,020 mm)
		Overall width	78 in (1,990 mm)

D 7807 features--combination of performance, convenience & value!

Take a close look at the new Deutz-Fahr D 7807 It's loaded with features you'll like — many you'd expect to find only on a much larger tractor Some are highlighted in the photos below

A — Efficient mechanical transmission. It's rugged, but quiet And efficient, as only a mechanical can be Column-mounted synchromesh shifting gives easy operation — and maneuverability, too!

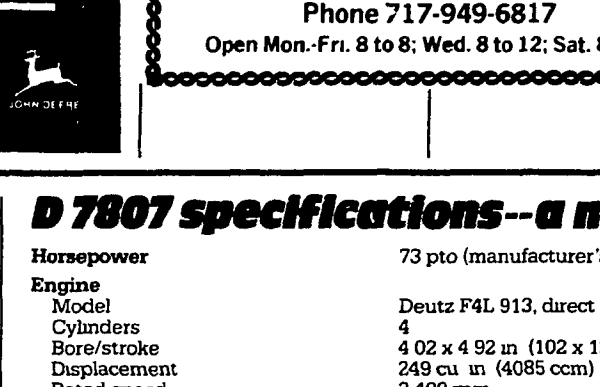
B — Famous air-cooled engine. First time we've used the popular 913 series engine (featured in bigger DX models) to power an "07" model in the mid-size range! Larger displacement for long service life Remarkable fuel economy for lowest operating cost And exceptional lugging ability for the toughest jobs!

C — Practical convenience throughout. Hinged engine hood flips up and out of the way, for all-'round access to engine area Short turning radius makes the D 7807 as easy to handle as many smaller tractors

D — Mechanically-powered front-wheel drive. Like all Deutz-Fahr tractors, the D 7807 offers the popular option of four-wheel drive (D 7807A) — with efficient, mechanical drive at the front! And now, with tread width adjustable to 60 inches, you can use Deutz-Fahr four-wheel drive for all-weather, all-crop versatility — even in 30-inch row crops!

E — High-capacity hydraulic system. Powered by tandem, engine-mounted, direct-driven pumps. Gives high lifting capacity and quick response over a wide range of applications

F — The name is Deutz-Fahr! The new D 7807 brings our line to nine models, including those previously known as "Deutz" tractors Now the name is Deutz-Fahr — with the same high quality, performance and fuel efficiency



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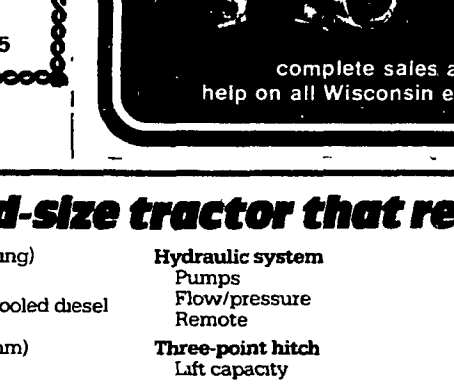

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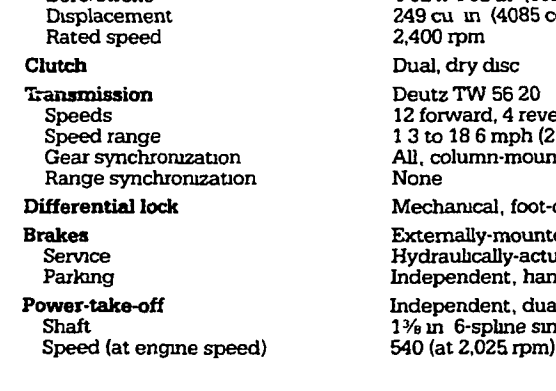

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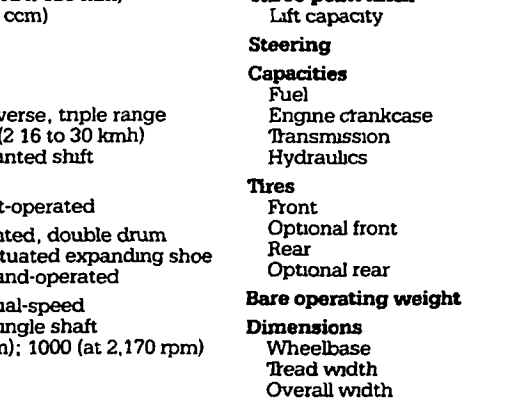
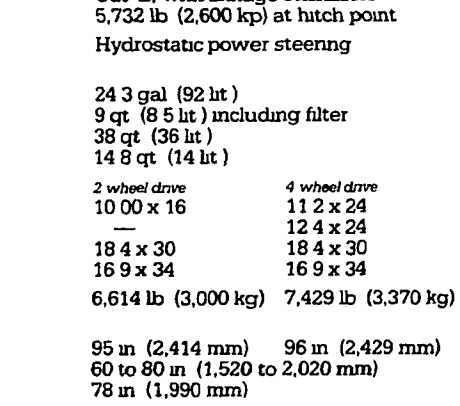


E



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HORSE EQUIPMENT
(3) Nicholson Hay Tedders
Nicholson PTO Hay Tedder
NH 55 Hay Rake
NI 752 & 751 Crushers
IHC #9 Mower
NH 450 3 pt. mower
MC corn binder, gr. dr. nice
IHC 100 7' Trailer Mower
#9 Mc Silage Cutter
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White 271 23' Disc
13' 245 Bush Hog Offset 26" Disc $7900
14' 1439 Bush Hog Disc
508 SAR 4X18 Plow

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NI 802 Uni w/Harvester
NI 717 Combine

HESSTON HAY EQUIPMENT
Hesston 6550 SP 14' D Swath Windrower
Hesston 4800 Big Square Baler
Hesston 4600 Baler
Hesston 1014 +2 Hydro Swing Windrower
Hesston 1091 9' Windrower
Kuhn 10' Disc Mower Conditioner

USED TRACTORS
Oliver 1850 w/cab
Oliver 1850 tricycle
AC D17 overhauled
Farmall M
Case 1210
Case 430 w/Loader
JD 2440 w/loader
Oliver 1800 Gas

USED HARVESTERS
MF 410 Combine
MF 750 Combine 6R & 131 Grain Head
701 Uni
702 Uni
727 Husker w/3RN Head
Fox Super D2R Head & Pickup
Fox 3310
Fox 3000
Fox 299 80" Flail Head
Gehl 600

(3) Used Hesston 4800 Big Square Balers (1 like new)

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White 5100 6 Row Planter Dry Fert & No-till
AC 4R Planter
Oliver 260 20' Wing Disc
NI 710 Combine
NI 725 3R Head
20' Brady Field Cultivator
Kewanee 20' Field Cultivator
Gehl 810 & 910 Fg. Wagon, 3 btr. & roof
Farmhand Recutter Blower
Hesston 1014, 12 Ft. Hydro Swing Windrower
Bush Hog 14' Flail Mower
NH 442 Disc Mower
J&M 200 Bushel Bin Wagon w/10 Ton Gear
Haban PTO Cornsheller
20.8+38 Axle Duals for AC 7040

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For Sale - JD RM 6 row 30" cultivator; Westgo 4 row 30" cultivator. 717-354-5092.

JD 2020 gas tractor w/model 47 loader, nice condition. 717-532-7054.

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Chisholm - Ryder snap bean harvesters, all machines complete w/hyd. dump boxes, recond. and painted, 609-769-3183.

JD 5 btm. plow, hyd. reset. 717-637-0192.

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Wanted - Caterpillar blade and hydraulic setup for 7UD4. 814-793-4293.

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JD 2510 Diesel 5995
JD LA w/Plow 1500

TILLAGE & PLANTER
JD 145 Plow (5-16) (Coverboards & sidehill) 1500
JD 1550 Power Till Seeder 4800

HAY & FORAGE
Kools Blower (1000 RPM) 800

EARL R. AUKER
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NEW TRACTORS
A.C. 6060
A.C. 6080 (Demo)
A.C. 7060 P.S. w/Cab & Air

USED TRACTORS
H Farmall
Case 995 (500 HRS)
A.C. 7020 P.S. w/Cab & Air

NEW-NEW HOLLAND HAY EQUIPMENT (IN STOCK)
489 Haybines
488 Haybine
495 Haybine
311 Baler w/#75 Thrower
316 Baler w/#75 Thrower
320 Baler w/#70 Thrower
847 w/Auto Wrap Round Baler
256 & 258 Rola-Bar Rakes
Dual Rake Hitch
#132 Bale Carrier
(2-1003 Auto Manure Bale Wagons)

NEW-NEW IDEA HAY EQUIPMENT
509-9ft. Mower Conditioner
565 Baler w/Thrower
484 Round Balers
404 Wheel Rakes
406 9½ft. Bar Rake
621 Forage Blower

NEW UNI EQUIPMENT IN STOCK
2-802 Uni Tractors Fully Wgted
868 Forage Harvester
767 Forage Harvester
768 w/N 3 Row Chopper Head
838 (16 Roll) Husker
841 Feeder House
844 N 4-Row Stripper Head

Just Arrived-New 866 Pick-ups

USED UNI EQUIPMENT
706 Uni Tractor w/Cab
2-702 G Uni Tractor w/Cab
7026 Uni Tractor w/Cab
702 D Uni Tractor w/Cab
767 Forage Harvester
2-717 Combines
2-713 S Grain Head
1-713 Grain Head
1-711 Grain Head
1-710 Combine
1-770 Ear Corn Apt.
766 Pick-up Att.

NEW SKID-STEER LOADER
NH L 445 (Diesel)
NH L 555 (Diesel)

USED SKID-STEER LOADER
L 325 Loader w/Mat. Bucket
8 C Hydra-Mac w/Mat. & Man. Buckets

NEW MANURE SPREADERS
NH 519 Box Spreader
NH 679 Box Spreader
NH 791 Box Spreader
NH 663 Tank Spreader
NH 668 Tank Spreader
NI 213 Box Spreader
NI 245 Box Spreader
NI 214 Box Spreader
NI 384 Solid-Plus Spreader
(Good Selection of Used Spreaders)

New-New Holland 358 Grinder Mixer
$8,595.00

MISC.
Used 354 Grinder Mixer
New-AC 2000 Semi-Mount 5 Bottom Plow
Used Oliver 565-5 Bottom Plow

USED HAY EQUIPMENT
NH 278 Baler w/Thrower
IH #37 Baler w/Thrower
NH 489 Haybine
IH 990 Haybine
Hesston Pt-10 Haybine
2 NH 1495 (Planetary Drive)
NH 1469 Haybine (Coming in)
Owatanna S.P. Haybine
Vicon Wheel Rake-(5-Wheel Mounted)

NEW FORAGE EQUIPMENT
NH 718 Harvester
NH 782 Harvester
NH 30 Forage Blower
NH 28 Forage Blowers
770-W Pick-up Heads
824 Corn Heads
#8 Forage Wagons

#38 Flail Chopper-$4695.00

USED FORAGE EQUIPMENT
NH Super 23 Blower
NH 25 Blower
NH 27 Blower
NI 606 (14ft) Forage Wagon
NH 36 Flail Chopper

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SEE US NOW FOR A "WINNER'S CHOICE" DEAL
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FARM EQUIPMENT

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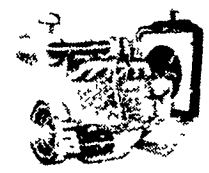

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USED TRACTORS
- '75 JD 4230 SR Transmission, Fender
- (1) '78 4240 cab, quad range, transmission, 18.4x38 tires, low hours
- '76 JD 8630, 4WD w/dual 30.5x32 - 24.5x32 dual tires, 3765 hrs., nice condition
- '68 JD 5020 With Duals
- '75 JD 4430, cab, air, synchro transmission w/creeper gear & dual 18.4x38 tires
- '59 AC D17 Diesel
- '69 Oliver 1850 Diesel
- TO-30 Ferguson

CORN PLANTERS
- '82 AC Model 333, 15-20" Row, No-Till Bean Planter, Dry Fert., Insecticides
- JD 7000 8-30 Dry Fert. No Till Coulters Insecticides, Monitor
- IH 6-30 air planter

USED CHISEL PLOWS
- IH 13', 3 Pt.
- Graber 26" Flex

USED PLOWS
- JD F145 - 5-16 Semi Plow

USED COMBINES
Waiver of Interest till Sept. 1, 1983
- '72 JD 4400 - 14 Ft. Platform
- '75 JD 6600 Rotary Screen, 15 Ft. Platform
- '76 JD 6600 Rotary Screen, 216 Flex Platform
- '71 JD 7700 - 220 Flex Platform
- '74 JD 7700 - Rotary Screen, Mud Hog Drive, 16 Ft. Platform
- '79 JD 7720 - Mud Hog Drive, 216 Platform
- 68 JD 95 Diesel, Corn-Bean Special w/Intermediate Feeder House, 14' Platform
- '79 JD 8820, 843 corn head, 220 flexible cutter bar

'81 JD 8820 4 wheel drive, factory duals, 1100 hrs., w/1243 corn head & 220 flex cutter bar, exc. shape

CORN HEADS
Good Selection of John Deere 343-443-444-643 Cornheads

MISCELLANEOUS EQUIP.
- Brillion 3 pt. 4 row cultivator
- JD BWA 14' Disc Harrow
- M&W 450 grain dryer, PTO dry
- JD 210 14' disc harrow
- JD 38 Harvester w/2 RW Head
- JD 38 Harvester, Electric Controls, w/2 RW Head, 5½' Pickup Attachment
- JD RG8 Cultivator, 8-30" Rows
- MF Sickle Bar Mower, 3 Pt. Hitch
- JD 1210 Grain Cart 400 Bushel

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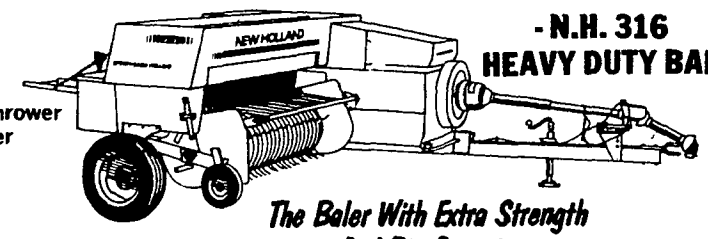
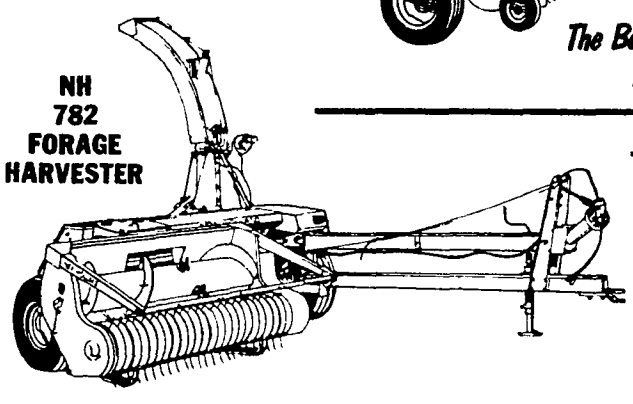
Match a 70 or 75 Thrower w/the 316 Baler



The Baler With Extra Strength And Big Capacity

NH 782 FORAGE HARVESTER



THE HEAVY DUTY MODEL 782

- 12-Knife Cutterhead chops uniformly.
- Exclusive Underbeveled Knives.
- Flip-up Feedroll makes shearbar adjustment easy.
- Choice of 540- or 1,000- rpm driveline.

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1. Waiver of Finance to April 1, 1984 with Interim Payment or ...
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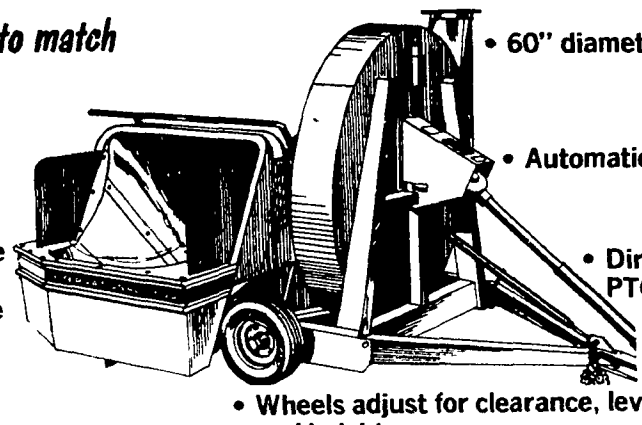
IH MODEL 600 FORAGE BLOWER

Capacity to match tall silos



- 60" diameter rotor
- Automatic air inlet
- 30.5 inch extendable hopper for easy drive-in convenience
- Direct 540 R.P.M. PTO line
- Wheels adjust for clearance, leveling and height.

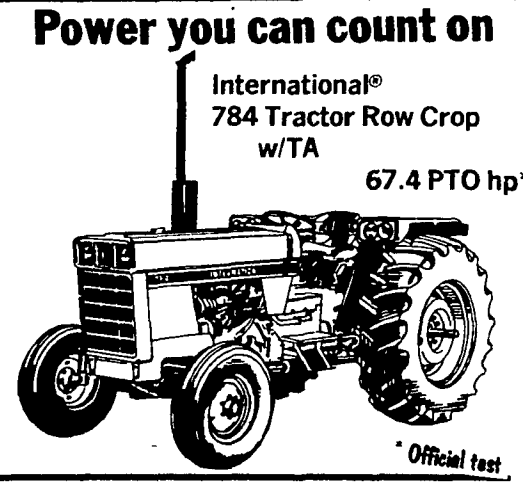
International® 183 Row-Crop Cultivator Knocks out weeds fast!

With Vibra® tine tooling, the 183 gives you high-speed cultivation. IH parallel linkage features rigid gang alignment.

Power you can count on

International® 784 Tractor Row Crop w/TA

67.4 PTO hp*



*Official test

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- Used N.H. 1495 S.P. Haybine w/12 Ft. Rolareel Header, Ex. Condition
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- NH 718 Harvester 2 Row Narrow Corn Head And Pickup
- NH 30 Blower, 1000 RPM
- NH 259 Rake, Dolly Wheels, Extra Teeth
- IH 56 Blower, H.D., P.T.O.
- Dion Forage Box
- IH Model 1190 Mower Conditioner (Excellent)
- Hesston 110 Self Propelled Haybine
- NH 852 Round Baler, Auto. Tie, Baled only 300 Bales
- IH 15 Hay Rake

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IH 1086 w/cab (excellent)
JD 40 w/Culivators, 3 Pt. Hitch

SKID STEER LOADERS
NH L425 Skid Loader

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IH 430 Baler w/Thrower
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NH 770 Pickup Attachment
NH 268 Baler & Thrower
Gehl Model CB 600 Forage Harvester 2 Row Corn Head & Pickup Attachment, Ex. Condition

PLANTERS
IH 400, 6 Row, Monitor, Fert. Attach., Insecticides, Fully Equipped
IH 56, 4 Row, Fert
Int 56, 2 Row

MISCELLANEOUS
JD 3 Section Rotary Hoe, Only $395

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Glencoe 13 shank Chisel
JD 350 6 bottom auto reset Plow
Brillion 10 Ft. Packer
White 4 Bottom, 16" Plow
Krause Model 1580 Single Wing Fold Disc Harrow
IH Model 55 9 Shank Chisel Plow, Demo

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NH 362 Tank, Good Clean Spreader
IH 3 Beater 160 Spreader.
NH 365 Tank Spreader
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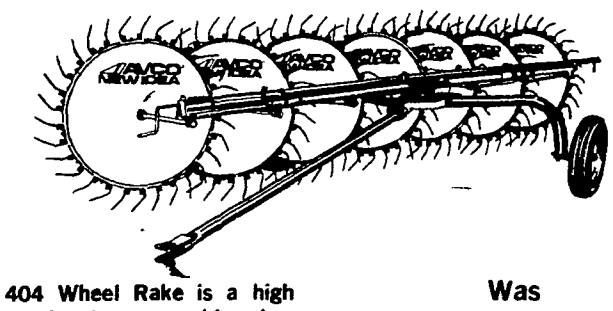
NEW IDEA MODEL 404 SPEED WHEEL RAKE



The 404 Wheel Rake is a high quality rake at a reasonable price. Rakes fast and clean in any field... smooth, uneven, contoured or hilly. Plus, it costs less to buy and less to maintain.

Was ~~$1,150~~

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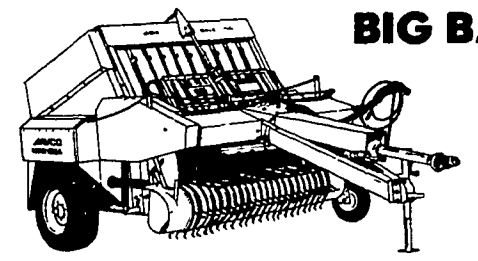

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NEW TRACTORS-40 SERIES WITH REBATES TO $2400 & WAIVERS!

- JD 2440, Hi-Lo, wts, w/16.9x30-$18,652 Plus up to $700 Co. Rebate
- JD 2640, Hi-Lo, wts, w/18.4x30-$20,202 Plus up to $1250 Co. Rebate
- JD 4240, Fenders, Quad, wts, 18.4x38-$26,879 Plus up to $2100 Co. Rebate

SERIES "50" TRACTORS
JD 4050, Cab, PS
JD 2150
JD 2150, 4 Wh. Dr.
JD 2350
JD 2950, 4 Wh. Dr. Series 50 Rebates - $1150 to $1900!

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New NH 489 Haybine

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Full Line of NH MANURE SPREADERS IN STOCK!

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Cornheads and Platforms Available

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435 baler - priced right
5088 w/radials
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784 row crop
484 tractor
80(SOLD)w plate planter
720 plow - 5x20 inch
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Repossessed New Idea 324 picker with 12 roll husk bed, late model, excellent

Farmall Super (M), power steering, live hydraulics

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315 baler
311 b(SOLD)
#8 crop carrie
425 skid loader
892 F. harv.
718 F. harv.
555 skid loader
#30 blower
#28 blower

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1300 3 pt. sickle mower
NH 450 sickle bar, 3 pt.
JD 336 baler w/kicker
IH 2400 Ind. tractor w/6 way heavy duty front mtd. blade - ideal for snow
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MF 4R planter - 50 acres
AC 600 planter, no fert., cheap
JD 1240 planter
IH 37 baler
JD 246 2 R planter, 3 pt.
JD 110 disc
IH 480 disc, new blades, w/cyl.
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IH 350 Diesel, fast hitch, power steering
IH 37 d(SOLD) 8"
1066 Farmall
JD 2510 diesel, excell.
Farmall 560 D
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JD 50 tractor w/corn picker, power steering
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IH 455 planter, 4R
NI 224 s(SOLD)r, tandem, good cond.
IH 830 forage harvester

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JD 4430 w/duals
JD 2440 w/loader, 710 hrs.
JD L Tractor w/plow & cultivators
MF 220 Diesel Tractor w/mower, 100 hrs.
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Ford 4x16 semi-mtd. plow, spring reset
18' Brillion transport harrow
JD 1450 5x16 semi-mtd. plow
Freeman loader for MF 135 tractor
Farmhand loader for JD 3010
JD 465 flail spreader, like new
JD 336 baler w/ejector
JD 14T baler w/#2 ejector
F #3 baler
34' elevator w/motor
30' elevator
IH 56 corn planter w/disc openers
32 blade transport disk harrow
38 harvester w/2 row N. head
33 PTO manure spreader
JD 494A Planter
JD 7000 6 RN Conser[illegible] Planter
White 5400 6 row N[illegible]-till [illegible]nter, 2895, as is
JD 8350 grain drill, [illegible] openers, excell.
JD 8300 grain drill, [illegible] openers
JD FB 13x7 grain dr[illegible]
JD FB 17x7 grain dri[illegible]
JD 506 3 pt. 5' rotary [illegible]
JD 444 corn head
JD 6600 sidehill combine w/13 ft. grain head & 4 RW corn head $37,995
JD 494 planter
JD 6620 sidehill combine w/15' flex platform a[illegible] 6RN corn head
18.4x34 snap on dual wheels w/tires
Badger Spreader

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JD 4440 Tractor — Call For Special
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JD Cash Rebate Available on all the above equipment Please call for details

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JD 950 Roller Harrow 12'	6133.00	[illegible]50.00
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New 6600
New 1700
New 4R No-Til Air Corn Planter w/fert. & insect.

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NEW HOLLAND
New TR70 Combine w/cab, air, heater, w/cat. engine and lots of extras
13' flotation header and cutter bar, w/hume reel
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New NH harvesters - 707, 718, 782
New NH 892 w/metal detector
New L35 gas, L555 diesel, L775 diesel skid loaders
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NEW IDEA
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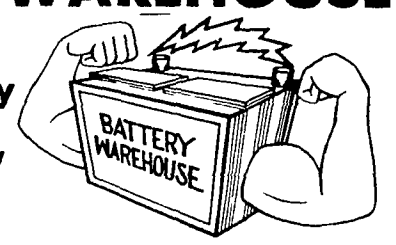

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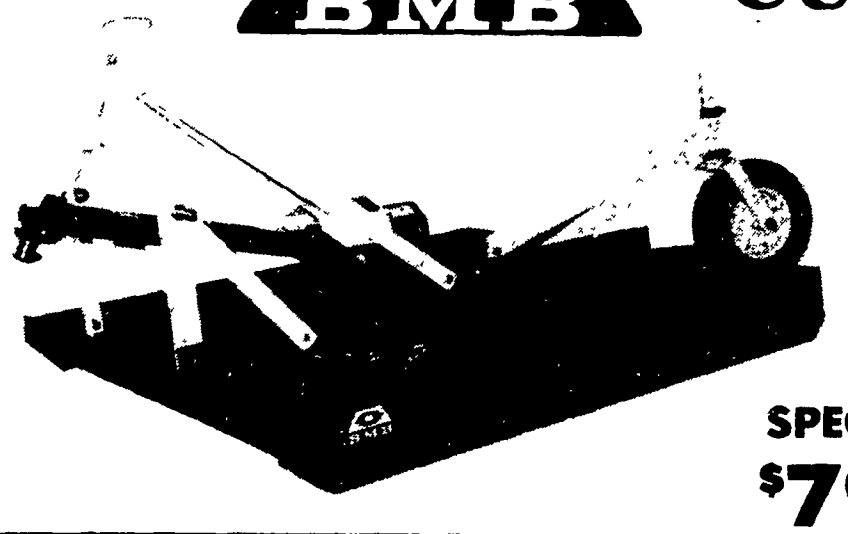

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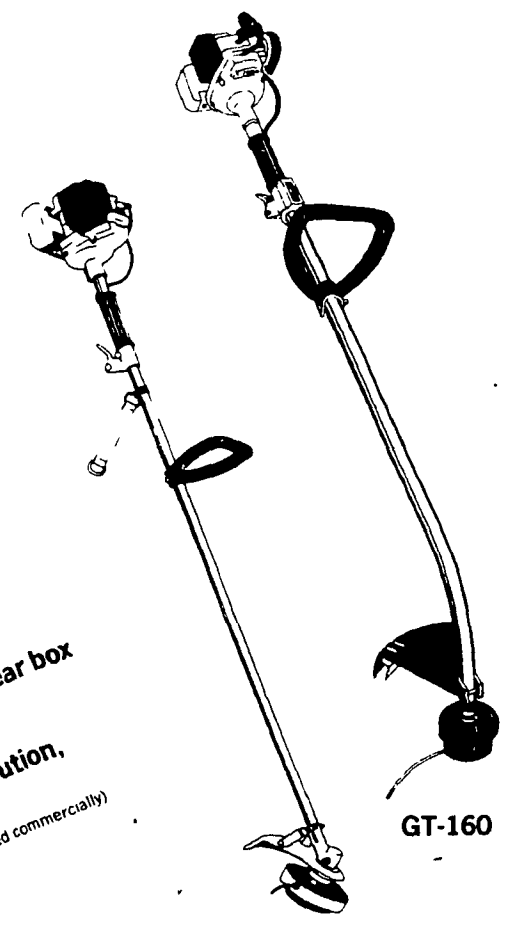

GT-160

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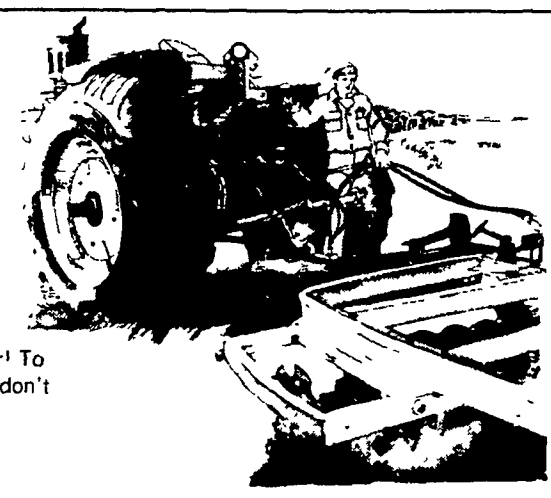

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1 - Wide Front Axle Assembly 1750, 1755, 1800, 1850, 1855, 1900, 1950, 1955

1 - Wide Front Axle Assembly Under-Slung Type 1750, 1755, 1800, 1850, 1855, 1900, 1950, 1955

The Above Axle Assemblies have been rebuilt by us and are in excellent condition. We will trade your Narrow Front End and Install

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• MF 245 Diesel, 8 Speed Trans., 42 HP	$11,500
• MF 270 Diesel, 12 Speed Multipower Trans., 55 HP	$16,900
• MF 670 Diesel, 12 Speed Sychromesh Trans., 55 HP w/Cab and Air Conditioner, 4 Wheel Drive	$27,150
• MF 274 Diesel, 4 Wheel Drive, 55 HP	$15,500
• MF 285 Diesel, Multipower Trans., 81 HP	$18,000
• MF 2640 Diesel, 16 Speed Multipower Trans., 4 Wheel Drive, Cab w/Air, 90 HP	$31,500

USED TRACTORS
- MF 30B Industrial Loader Tractor w/Cab, 1978 — $12,900
- MF 275 Diesel, 67 HP, 12-Spd , M.P. Trans., 1980, 460 Hrs. — $14,900
- MF 285 Diesel 81 HP, 12-Spd., M.P. Trans., 1978, 920 Hrs. — $14,900
- Ford 8600 Diesel 110 HP, Dual Power Trans., 1976, 1,620 Hrs. — $12,500
- MF 2705 Diesel 120 HP, 24-Spd. M.P. Trans., 1978, 1,270 Hrs., Cab w/Air and Heat — $23,200

COMBINES
New MF 550 Combine In Stock Has 9.9% Finance For 4 years or Waiver of Finance Till Dec. 1, 1983

New MF 1143 & 1163 Cornheads In Stock with 9.9% Finance or Waiver Till Dec. 1, 1983

USED COMBINES
- MF 510 Diesel w/Cab, 12 Ft. Grain Table w/Pick-up Reel, 4-Row Wide Cornhead — $8,500
- MF 410 Diesel w/Cab, Quick Attach 13 Ft. Grain Table, w/MF 44 4-Row Cornhead — $10,900
- MF 44 Wide-Row CORNHEADS — $1,500 to $3,800

HAY EQUIPMENT
MF Square Balers Have 9.9% Financing Or Waiver Till Sept. 1, 1983.
- New MF 120 Baler, Less Thrower — $4,800
- New MF 124 Baler and Thrower — $7,400
- New MF 128 Baler and Thrower — $8,400
- New MF 39 Wheel Rake — $1,995
- Gehl 1450 Round Baler — $9650
- GEHL New Style 9 and 12 ft. Mower Conditioners in stock

TILLAGE EQUIPMENT
- New MF 345 Mounted 3x16 Hyd. Reset Plow — $2,275
- MF 82 - 4x16 Mounted Trip Bottom Plow
- MF 880 Plow, 6x18 Semi-Mounted Hyd Reset w/On Land Hitch, Used 150 Acres — $7,500
- New MF 520 Disc Harrow, 12 Ft. Wide, 20" Disc Blades, Includes Scrapers — $3,475
- Used Glencoe 5 Tooth Soil Saver — $3,600

SKID LOADERS
- New Gehl 4510, Ford water cooled engine, flotation tires, fork and bucket — $13,500
- Used Gehl 4500, Ford water cooled engine, 1979 w/bucket & fork — $8,800
- Used Gehl 4400, Diesel, with bucket and fork — $6,800
- Owantonna 310, 14 HP — $3,600

FORAGE EQUIPMENT
- New Gehl 1250 harvester — In Stock
- New Gehl 1000 harvester — In Stock
- New Gehl 750 harvester — In Stock
- New Gehl 99 blowers, priced to sell — $2,575
- New Gehl 9 ft. mower conditioner — $5,875
- New Gehl 960 forage wagons, 3rd beater, roof, 16 ft. long, 10 ton gear, priced at — $6,400
- Used EZ 16 ft. x 6 ft. sides w/roof and 3rd beater 10 ton gear and 11Lx15 tires — $3,000
- Used EZ 16 ft. x 6 ft. side w/roof and 3rd beater 8 ton gear — $2,500

USED FORAGE WAGONS
- E Z 16 ft.x 6 ft. sides with roof, 3rd. beater, 10-ton gear with 11Lx15 tires — $3,000
- E Z 16 ft.x 6 ft. sides w/roof and third beater 8 ton gear — $2,500

MANURE SPREADERS
- New Hawk-Bilt 2155 tank Spreader, 152 cu. ft., 676 gal. — $4,500
- Used Hawk-Bilt 187 tank Spreader — $995

MISCELLANEOUS
- New Brady CHISEL PLOWS 7 tooth — $1,125
- Used SCRAPER BLADE 3-point, 6 ft. wide, like new — $275
- New Little Giant ELEVATOR, 34 ft. — $2,100
- New Century SPRAYER, 500-gal. tank, 42-ft. boom — $3,400
- New Glencoe SOIL SAVER, 7 tooth, new style long frame — $5,875

GEHL FORAGE HARVESTERS AND FORAGE WAGONS HAVE A DELAYED PAYMENT PROGRAM UNTIL SEPT. 1, 1983

LEBANON VALLEY IMPLEMENT CO., INC.
700 E. Linden St. Richland, PA 17087
(717)866-7518

FARM EQUIPMENT FARM EQUIPMENT FARM EQUIPMENT FARM EQUIPMENT

BIG - BIG - BIG - SAVINGS

Have recently sold the Farm Equipment Business.
Am liquidating the following equipment where is - as is.

HAY MACHINERY
1610 JD 14-T baler w/ejector	$525
1607 Ford 530 baler w/thrower	$800
1608 AC twine baler	$495
1627 NI 403 Roto bar rake	$795
1653 JD 1209 Mower Conditioner	$850
1621 Hesston 1014 Hydro Swing Mower Conditioner	$3700
1622 Hesston 320 Self Propelled Windrower	$1750
1619 NH 469 Haybine	$695
1618 NH 479 Haybine	$2250
1620 NH 479 Haybine	$1875

CULTIVATORS
1648 JD RG 4 3 pt. 4 Row cultivator	$1325
1647 Ford 3 pt. 4 Row Cultivator	$525

TILLAGE TOOLS
1668 McCormick 28 wheel carrier disk	$425
1617 Binkley Wilbeck. 14 ft. digger disk	$6400

HARVESTING
1635 Schultz 72 field chopper	$650
1633 NH 26 Super lift blower	$725
1634 NH 23 hopper blower	$395
1629 NH 880 harvester	$2350
1630 NH 717 harvester	$650
1628 JD 38 harvester	$1175
1631 JD 38 harvester	$925
1632 JD 38 harvester	$1150

MISCELLANEOUS
1614 JD 790 tank spreader	$1325
1651 GI grain dryer	$2990

PLANTERS
1645 JD 7000 6-R dry Fert. Insecticide	$6500
1639 JD 1250 6-R dry fert., insect.	$2050
1642 JD 1240 4-R dry fert., insect.	$1295
1640 JD 1250 6-R Insect.	$1295
1644 AC 4-R No-til 600 Air Champ	$4150
1643 IH 4-R dry fert. Insect.	$325
1636 Ford 309 4-R 3pt. dry fert.	$575

Will Deliver At Nominal Cost
All Equipment On Display At Location

PLASTERER EQUIPMENT CO., INC.

Rt. 422 East and Prescott Road
Lebanon, PA 17042 Phone 717-273-2616
Hrs. Mon. thru Fri. 7:30 - 5 PM, Sat. 8-12 AM

SWOPE & BASHORE, INC.

RD 1, Myerstown, Pa.
Located 1 Mile S. of Int. 78 & 6 Miles N. of Myerstown on Rt. 645 in Frystown
PHONE: 717-933-4138

Area Codes 215 & 717 Call Toll Free 1-800-692-7467

SPECIAL!

USED IH 1066 DIESEL w/CAB
- 20.8 x 38 Tires
- Air Cond.

$16,800

USED EQUIPMENT

Tractors
Case Model 450 crawler
IH F1066D
IH F140
IH 300 Utility
IH F400 Gas
IH F460
IH F460D
IH F560 Gas
IH F656 Gas
IH F656 Gas Hy.
IH F706D
MF 255
MF 165D w/Loader
Ford 860
Nuffield 4/25 w/loader
JD 1010 w/cult.
JD "MT"
Oliver 66
Oliver Super 77D

Tillage
IH 450 Plow, 3F
IH 37 Disc Harrow
IH 370 Disc
IH 475 Disc, 17½ ft.
IH 122 Mtd. Disc Harrow
Lely Power Harrow
IH No. 45 Mtd. Vibra Shank
IH No. 45 Vibra Shank, Trailing 14½ ft.

Skid Loaders
Bobcat 500
Bobcat 743
IH 3200
Gehl 2600
Case 1740D

Planters & Drills
IH 249, 2 Row
IH 56 Planter, 4 Row
IH 449 Planter
IH 494 Planter
IH 500 Planter, 6 Row
Pittsburgh 4-Row 3-pt. Cultivator
IH 400 Cyclo 4 Row
JD 15x7 Drill
Ontario 13x7 Drill
Tye No Till Drill

Combines & Cornheads
NI 725 Cornhead
IH 91
IH 127
IH 715 Combine
IH 227 Corn Head
IH 429 Corn Head
IH 743 Corn Head
MF 35 Combine

Plows
IH 211 2F 16"
IH 311 3F 16"
IH 312 Plow
IH 411 4F
IH 450 3F Auto.
IH 540 4F 16"
IH 550 16"
IH 560 Plow
JD 3 pt. 3F Plow

Pickers
Oliver 5 Picker
IH 234 Mtd.

USED EQUIPMENT

Hay Machines
IH 27V Mower
IH Cub 222 Mower
IH 990 Mower Cond., 9'
IH 990 Mower Cond., 7'
IH 430 Baler w/Thrower
JD 14T Baler
AC 303 Baler
NH 282 Baler
Dearborn Rake

Lawn & Garden
Brinly Plows
Power King 42" Snow Blower
IH Cadet 60 Riding Mower
IH 125 Cadet w/Mower
IH 107 Cadet
Bolens 5 HP Rider
Snow Blowers
AC Model B10 w/Attachments
Wheel Horse 12 HP w/Mower
Case Riding Mower
MF 12 HP & Mower
MF 7 HP (2)
JD 110 w/Mower and Snow Thrower
Snapper Comet riding mower
Hahn 5 HP Tiller

Forage Equipment
IH 550 For. Harv.
IH 650 Forage Harvester
IH 56 Blower
JD 6 Harvester
JD 34 Harvester w/2 Heads
IH Hay Pickup 550/650
IH Direct Cut 350
Fox 546 Harvester
NH 717
IH 42 Blower
NH 23 Blower
Badger 1616 Forage Box

Miscellaneous
Sauder 7 ft. Snow Blade
IH 1850 Loader
IH 2000 Loader
IH 2001 Loader
IH 175 Spreader
IH 540 Spreader
NI 214 Spreader
Simplicity 4211 w/Mower
Waldron Dozer Blade w/IH or JD Mountings
NH 346 Tank Spreader
NH 24' Elevator
Winco 1500 Generator
Danuser 8 Ft. Blade 3 pt.
Buck Saw
Hawk Bilt 187
Flail Mower, 5 Ft., 3 pt.
Century 500 Gal. Sprayer w/new pump

SB SB SB SB SB

FARM EQUIPMENT | FARM EQUIPMENT | FARM EQUIPMENT | FARM EQUIPMENT | FARM EQUIPMENT | FARM EQUIPMENT | FARM EQUIPMENT

GEO. V. SEIPLE & SON

USED JOHN DEERE 7700 GAS, 13' GRAIN HEAD, 6 ROW 30" CORN HEAD **$11,500**

USED JOHN DEERE 6600 SIDE HILL DIESEL, 15' GRAIN HEAD FLEXIBLE 6 ROW 30" CORN HEAD **$37,750**

USED JOHN DEERE 4400 DIESEL 13' GRAIN HEAD **$17,500**

R.D. 2, Van Buren Road, Easton, PA 18042
Phone (215) 759-7141 or 258-7146

HARD WORKING VALUES

Waiver of Finance - Low Rate Financing
Low Cash Deals

NEW EQUIPMENT

5088, demo
3288, demo
784 RC w/TA
244 FWD
475 disc, 18'
1420 combine, demo
370 disc
800 Early Risers
720 auto. reset 5 btm.
2250 loader
45 vibre shank
4500 vibre shank
Super AV
Haines bulk bodies
Mayrath auger 6"x27'
1500 Schwartz loader
800 workmaster loader
JD 2 row potato digger
Ontario grain drill
Clark fork lift, 4000 lb., hyd. turn table
Vicon disc mower conditioner
843 Corn head, 30"
843 corn head, 30"
NH S69 baler
IH #37 baler w/thrower
Int. 656 hydro.
IH forage blower
Rototiller, 3 pt.

USED EQUIPMENT

Gehl 4500 skid loader
NH 469 Mower cond.
Farmall BN w/cultivators
2 Super C's

RINGTOWN FARM EQUIPMENT
RD 1, Ringtown, PA
717-889-3184
Since 1949

GRUMELLI FARM SERVICE

bobcat Quarryville, Pa. 717-786-7318

TRACTORS

AC 7040D
AC 7045D
AC 7050D
AC 7020D
AC 7010D
AC 7000D
AC 440
AC 200
AC XT190D
AC 180D
AC 170D
AC 175D
AC D19D
AC D14
AC CA
AC WD 45
AC 5040D
AC 5050D
IH 756
IH 806
IH 504
IH 300
IH 340
IH Cub Low Boy
IH 350
IH H
IH 140
IH 656
IH 504 w/loader
JD 2010
JD 4010
JD 70
JD A
Ford 4000
MF 65D
MF 65G
Case 300 w/Loader
Case 800
Oliver 1650D

EQUIPMENT

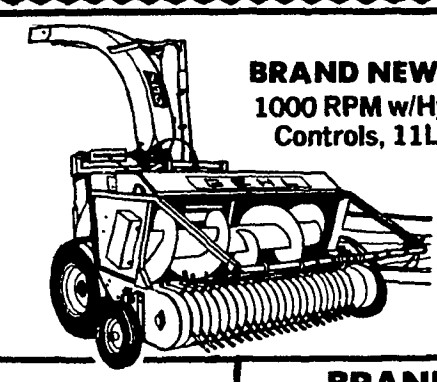
New and Used Miller Discs and AC Discs
New AC 7' Haybine
(2) 315 NH baler and thrower
269 NH baler and thrower
14T J.D. baler and engine
AC 444 baler and engine
Farmhand grinder & blower
(2) L 425 NH Skid Loaders
731 Bobcat Skid Loader
610 Bobcat Skid Loader
630 Bobcat Skid Loader
1000 OMC Skid Loader
371 Bobcat Skid Loader
70 JD Skid Loader
Thomas Skid Loader

GEHL - A Cut Above The Rest

In Stock

GEHL 750 FORAGE HARVESTER
GEHL 1000 FORAGE HARVESTER
GEHL 1250 FORAGE HARVESTER

Now with Waiver of Finance
No Payment Till April 1, 1984



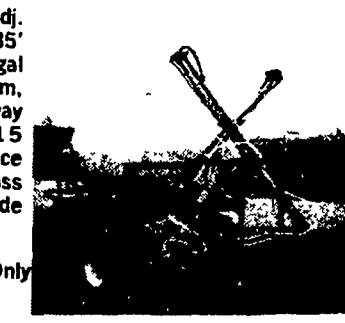
BRAND NEW GEHL 700 HARVESTER
1000 RPM w/Hyd. Knife Sharpener, Manual Controls, 11Lx15 Tires, 6 ft. Hay Pickup.
In Stock

CASH ONLY ~~$8,727~~ REDUCED **$7,727**

LIKE NEW!
AC MODEL 2500 TRANSPORT DISC w/Cut Out Front Blades, Rock Flex Hangers, 12' Wide 22" Blades
ONLY **$3,980**

BRAND NEW 500 GALLON TRAILER SPRAYER

High crop clearance w/adj. ht. boom, poly tank, 35' folding boom, centrifugal pump, stand on platform, dual jet agitator, 8 way regulator, 11Lx15 flotation tires. Your choice of stainless steel or brass tips. Ideal crop side dressing.



Buy a $3200 Value For Only **$2,092**
This Price Includes Centrifugal Pump, Complete - Ready To Go

NEW 12" POST HOLE DIGGER
$345

OPEN THROAT DESIGN!

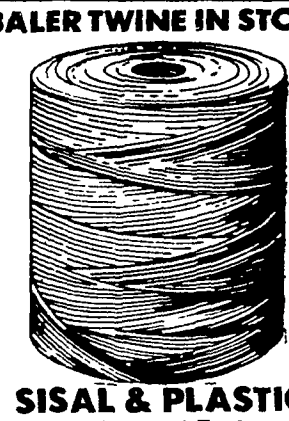
LOOK AT THIS!

Buy A NEW ROUND BALER For The Price Of A Good Used Baler

The Model 875 delivers all the solid performance features of its big brother and a bale that can pack a 1,000 lb. punch (hay). All wrapped in a single, easy to handle package for dairy and beef operations. This compact baler makes 15 to 25 bales per hour.

$8000 VALUE FOR ONLY $5,900 Limited Offer

BALER TWINE IN STOCK



SISAL & PLASTIC
For Round Balers

JUST TRADED
BRILLION 12½' TRANSPORT FIELD CULTIVATOR
w/MidWest Buster Bar
ONLY **$1,575.00**

Good Used 5 Ft. **CASE 3 PT. ROTARY CUTTER**
ONLY **$350**

SPECIAL NEW 3 Pt. Hookup Saw Buck
Most Models Are Priced Over $800
OUR PRICE ONLY **$450**

FOX SELF-PROPELLED HARVESTER MAX II
w/Detroit Diesel Engine, Hay Pickup & Corn Head
$8675

NEW 3 PT. FERTILIZER SPREADERS
10 Bushels
$329.00

NEW 3 PT. REAR UTILITY CARRIERS
$49.00

GOOD USED 12 TON TANDEM WAGON
With Quick Hitch & 11Lx15 Tires
$1,195

NEW 9" POST HOLE DIGGER
3 Pt. **$325.00**

ALL PRICES ARE CASH AND CARRY
With Financing Available

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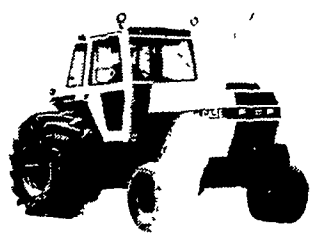
USED TRACTORS

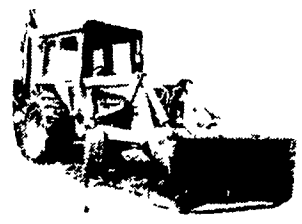
Real Nice Good Used CASE 2390 DIESEL TRACTOR



160 Plus HP, C Air, Neat, 20.8 x38 Rear Tires 70%, 11:00x16 Front Tires, Power Shift, Dual Remotes. Serial #8837014
(front weights not included)

ONLY $27,800

FORD DIESEL MODEL 6500 LOADER BACKHOE



Cab w/Heater, Sold New 1976, 15 Foot Backhoe, 24" Trenching Bucket, About 7 Foot Loader Bucket, Self Leveling Loader, Approx. 2200 Hrs., Under Excellent Maintenance Program, Automatic Forward & Reverse w/3 Speed On The Go Power Shift, 18.4x28 Rear Tires, Approx. 50%

~~$12,800~~ $11,800

USED CASE 1290
In Like New Condition

Only 109 Hrs., 53 HP Diesel, Hydraulic Remote Outlet, 540 PTO, 16.9x38 Rear Tires, 4800 Hrs., Ave. Condition.

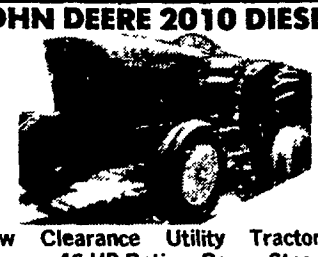
~~$11,500~~
~~$10,800~~ $9,900

FARMALL CUB

with 48" Mower (Hydraulics) Good Rubber

$2,150

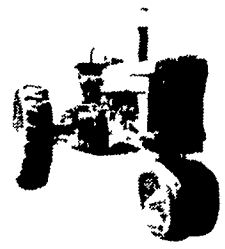
JOHN DEERE 2010 DIESEL



Low Clearance Utility Tractor, Approx. 46 HP Rating, Power Steering, 540 PTO, 3 Pt. Hitch With Square Type Liftarms, Hydraulic Remote Outlet, 16.9x28 Rear Tires, Approx. 80%, 3787 Hrs., Engine Doesn't Burn Oil.

~~$4,850~~ $3,850

JOHN DEERE MODEL 60 Narrow Front Tractor



w/Power Steering, Gas, 3 Pt. Hitch Arms Along

~~$1,850~~ $1,680

IH MODEL 656 DIESEL TRACTOR
Wide Front, Hyd. Drive, 1970 Model

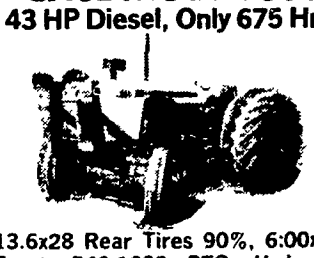
$6900

OLIVER 1855 DIESEL

540 PTO, Fender Fuel Tanks, Front Weights, Come & See

$7,900

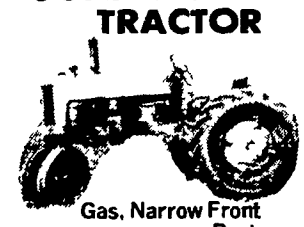
CASE MODEL 885
43 HP Diesel, Only 675 Hrs.



13.6x28 Rear Tires 90%, 6:00x16 Front, 540-1000 PTO, Hydraulic Remote, Front Bumper Guard, Excellent Condition. Sold New In 1980.

~~$7,680~~ $6,880

JOHN DEERE 430 TRACTOR



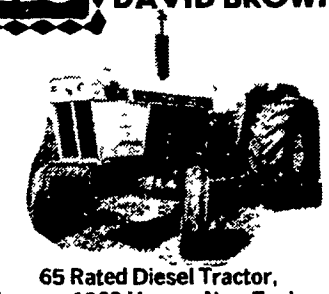
Gas, Narrow Front

$2,150 or Best Offer

CASE MODEL 630 DIESEL TRACTOR In 40-50 HP Class

Narrow Front and Power Steering, Case-O-Matic 3 Pt. Eagle Hitch, 540 PTO, Hydraulic Remote Outlet. This Tractor Features The Well Known Case 188 Cu. In. Diesel Engine (now very popular in the Case Diesel Uniloaders of Today) $2,250

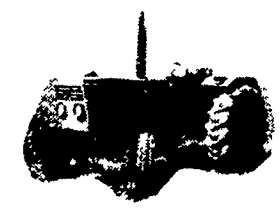
CASE DAVID BROWN



65 Rated Diesel Tractor, Approx. 1000 Hrs. on New Engine, Power Shift

$5,900

DEUTZ MODEL 4506



Like New, Approx. 45 HP Diesel, 3 Pt. Hitch, Hyd. Remote Outlet, Ready To Work - Must See To Appreciate! Only 670 Hrs.

~~$7,650~~ $6,980

CHEAP 4 WHEEL DRIVE DIESEL POWER!

White 4-150, Approx. 2387 Hrs., Cat. 3208 Engine With Approx. 500 Hrs., Cab, Air, Heat, PTO, Automatic Over/Under Shift, 3 pt. Hitch, 3 Hydraulic Remote Circuits, 18.4x34 Tires.

~~$21,600~~ $17,280

ALLIS CHALMERS
WD 45, Narrow Front, Gas

~~$1,500~~ $985

FORD 8000 DIESEL

(No cab), Serial #C317978, approx. 1971 Model, Dual Power Transmission w/Filter Kit, 540 PTO, 3 pt. Hydraulic Remote Outlet, Approx. 4392 Hrs., 18.4x38 Rear Tires on Power Adjust Wheels, Engine Runs Good!

Ready For Your Field

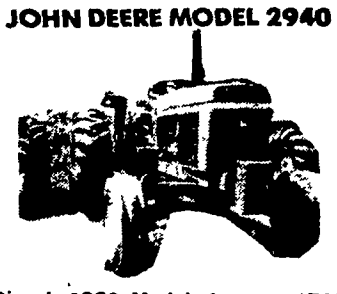
$7,900

LOOK AT THIS! Compact Hough Tow Motor

Rear Wheel Steering, Hard Rubber Tires, Large Drive Wheels On Front, Pallet Forks Approx. 36" Long, Engine Rebuilt 2 Years Ago. Lifts About 4½ Feet High, Ideal For Warehouse Work. Ready For Work.

~~$3,600~~ $2,680

JOHN DEERE MODEL 2940



Diesel, 1980 Model, Approx. 1700 Actual Hrs., Double Hydraulic Remotes, 540-1000 PTO, 18.4x38 Rear Tires Approx. 75%, 10:00x16 Front Tires Approx. 75%, 4 Front Weights. Nice!

~~$13,900~~ $13,300

Inquire With Us About SPECIAL FINANCING PROGRAMS Available

HARDI

Economical & Ideal for
Fruit Trees
Lawn and Garden
Easy Operating Hand Pump Lever
100 P.S.I. Pressure

RY-15 BACK PACK SPRAYER

RY-15 Order No. 817294

Tank Capacity - RY-15-3.95 U.S. gallon (15 litre)
Pump - RY-15 - Piston Maximum 100 p.s.i. pressure
Height - 20.5"
Depth - 7.95"
Width - 14.5"
Weight - RY-15 10½ lbs. empty, 43½ lbs. full
IN STOCK

ONLY $89.50

COLLECTOR'S BOOKS
While They last

- Agricultural Tractors, 1855 - 1950 ..... $12.95
- Farm Tractors, 1950-1975 ..... $14.95
- The Grain Harvesters $13.95
- Wheels of Farm Progress $11.95

LESS 15% OFF ABOVE PRICES

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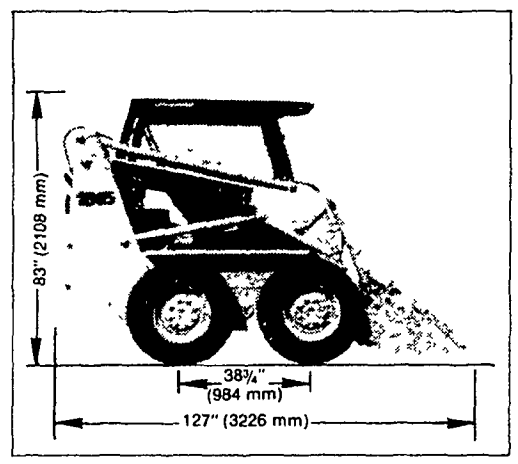
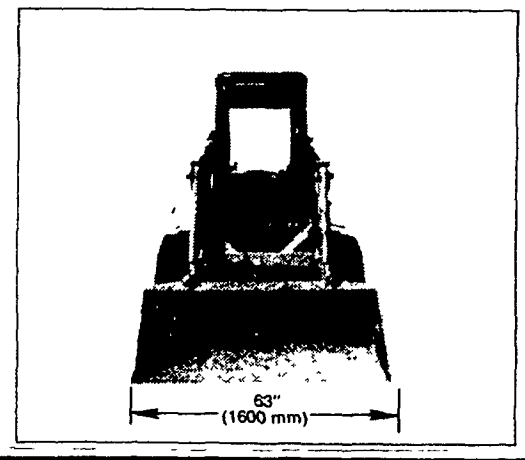
NEW CASE 1845 DIESEL UNILOADER
SPECIAL 20% OFF



Other Bucket Widths Available:
73" or 80" at no additional charge
Equipped w/45 HP Diesel Engine,
7.50x16 Tires Rear Counter Weights
Serial # 9859339



List Price..... $23,766
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LESS 20%
ONLY $14,800

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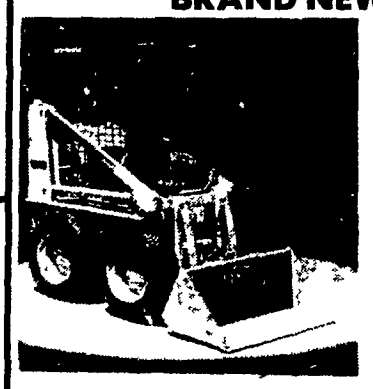

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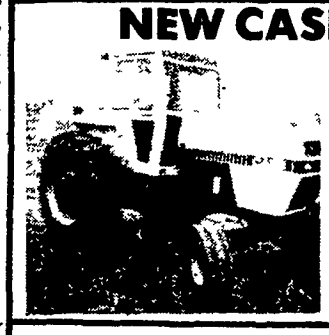
5 Bar w/Hydraulic Drive

N.H. Used, Like New 234 WAGON GEAR
w/31x13.50x15 Tires
with Quick Hitch

NEW CASE 2090 DIESEL TRACTOR



4 Post Frame (Cab without Glass & Doors)
Power Shift, 504 Cu. In. Diesel,
108 HP. Serial #9911123

ONLY ONE AVAILABLE AT THIS PRICE **$20,900**

Trade in your tractor and pay cash or Finance and Save Dollars!

BRAND NEW TWO YEAR WARRANTY

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HI-CLEARANCE TRACTOR
Now available from Binkley & Hurst Bros.

BRAND NEW CASE 1490

70 HP, Diesel Tractor w/Power Shift Transmission, 11Lx15 Front Tires, 18.4x34 Rear Tires, 540-1000 PTO, Hyd. remote to operate cylinder. Approx. 29" clearance under front axle, 26" under drawbar. Features Tilt Hood and many other easy service features.

THIS TRACTOR SELLS FOR $28,571.00 BUT - WITH SPECIAL DEAL AND FACTORY DISCOUNTS YOU CAN BUY THIS TRACTOR NOW FOR ONLY $18,890 Serial #11187056

No Interest or Payments till May 1, 1984!

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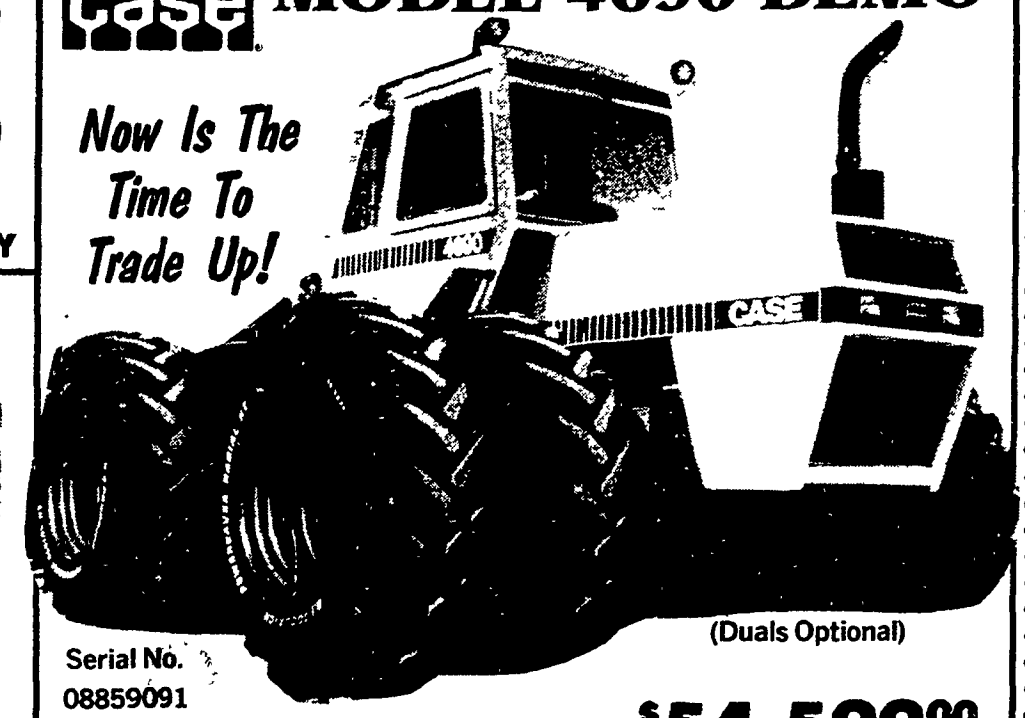
Now Is The Time To Trade Up!



(Duals Optional)

Serial No. 08859091

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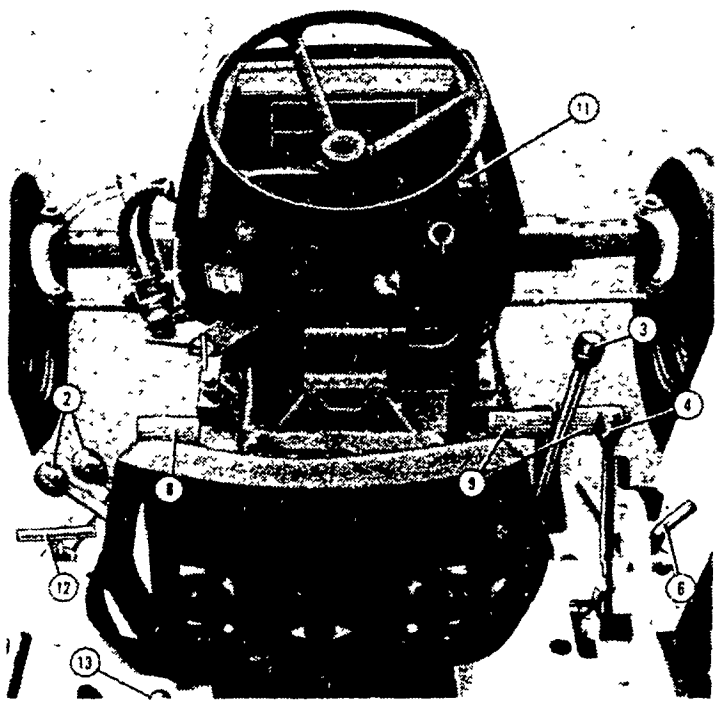

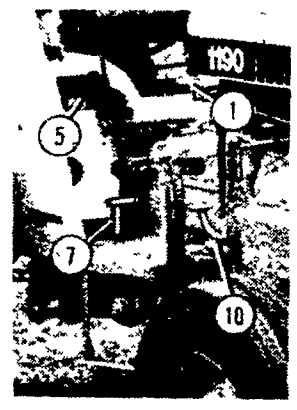

OPERATIONAL ITEMS

Operating controls — functions of the tractor and attaching implements

1. Engine stop control
2. Gear selection levers
3. Synchromesh speed selection lever
4. Hitch operating lever
5. Remote valve levers
6. Parking brake
7. Differential lock
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9. Brake pedals
10. Foot throttle
11. Hand throttle
12. 540 PTO

List Price..... $14,025
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PAY CASH
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OR Get **8.8%** Financing For 48 Months At Selling Price Of **$9,510**

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IH 700 4 bottom plow
IH 1066 tractor w/cab
AC 5050 w/700 hrs.
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JD 950 w/67 hrs.
Pequea tedder PTO
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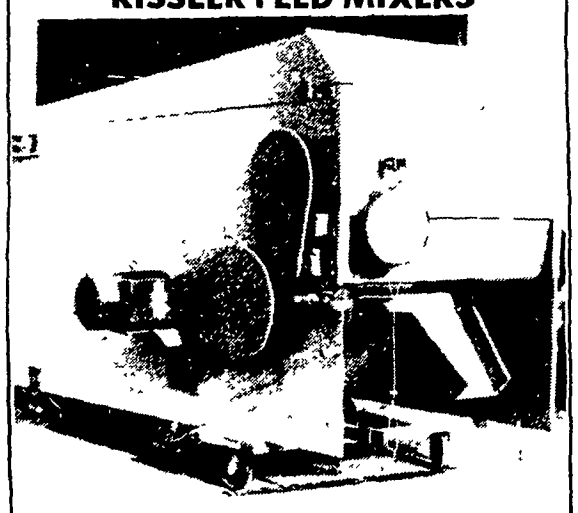
RISSLER FEED MIXERS



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This **UNIQUE** design was developed so farmers can have more for less. A 15,000 lb. pintle web with 2" high paddles will tumble feed from end to end. An auger with left and right flighting will bring feed to center and keep the pile crowned. This auger will mix the feed from side to side at the rate of 1200 lbs. of feed per minute and will unload when drop out is opened. Convenient crank allows flow from 0 to 1500 lbs. a minute whatever desired.

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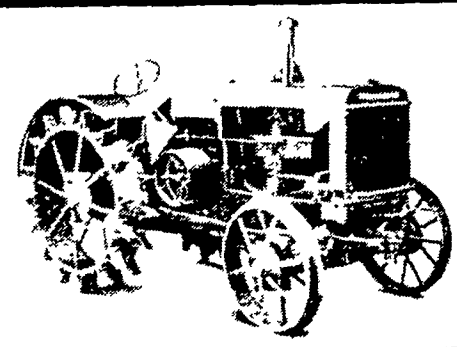

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PRESSURE WASHERS
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List Price $552 SALE PRICE **$351.90**

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MF 33 wheel loader	9,000.00
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MF 730 offset plowing disc	4,750.00
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Danuser post driver	1,300.00
MF 37 hay rake, pull type	975.00
MF 200 harvester, 2 row corn head	2,900.00
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1968 MF 510 diesel, 13 ft grain head	13,500.00
1968 MF 510 diesel, 13 ft. grain head	10,000.00
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AC A Gleaner w/grain head	2,000.00
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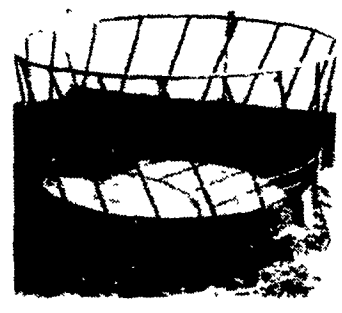
(3) 10 ft, (4) 13 ft, (6) 14 ft, (8) 15 ft, (5) 16 ft, (1) 18 ft grain heads
(9) 2 row 38", (15) 4 row 38", (6) 4 row 30", (11) 6 row 30", (2) 8 row 30" corn heads

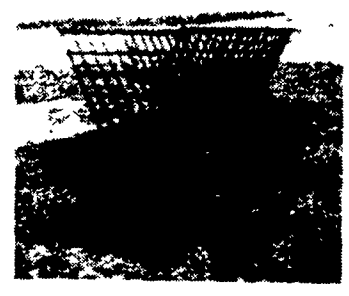
NO FINANCE CHARGES ON USED COMBINES TIL JUNE 1, 1983

NEW 10'6" & 18' AMCO DISC HARROWS IN STOCK

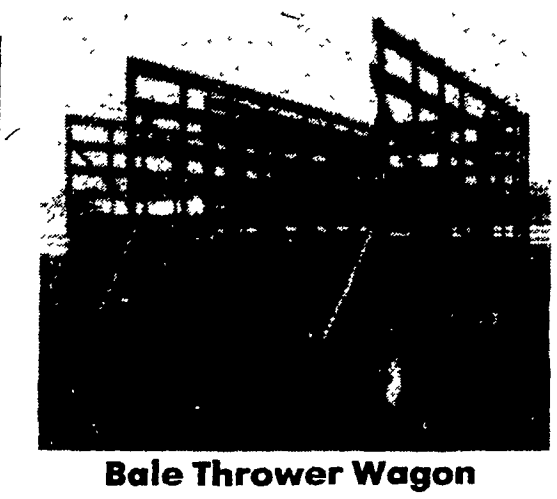
Free delivery to 25 miles



Round Steel Hay Rack with bottom for 18 head for hay, grain, silage, round or square bales. $220 and on stock.
Bottom ring can be removed for shipping purposes & replacements.



Hay Rack and Feed Bunk Combination. Built on skids for easy towing. 8', 12' on stock. Also available trailer type.



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8 ton gear
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NEW EQUIPMENT

TRACTORS
JD 2640
JD 4040 w/RG & QR
JD 4240 SOLD & QR
JD 4440 w/SG & QR

TILLAGE EQUIPMENT
JD 235 19'11" Disc
JD RM4 Cultivator
JD 1250 3B Plow
JD 1010 Field Cultivator
JD 1610 Chisel Plow
JD 415 Rotary Hoe
Glenco SSP TB Soil Saver

HAY TOOLS
NH 489 Haybine
Thrower for 320
Matthews 9E Rotary Scythe
JD 327, 337 Balers
JD 660 Rake
JD 3940 Harvester
NH 847 Round Baler
NH 38 Crop Chopper
NH 311 & 316 Balers
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NH 256 & 258 Rakes
NH 782 Harvester

COMBINES & HEADS
JD 215 Flex Platform
JD 643 Corn Head
JD 6620 Combine

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JD 158 Loader
JD 606, Mower
JD 1065, 1075 Wagons
JD 78 Blade
JD 40 & 450 Spreaders
NH 679, 795 Spreader
NH 230 Wagon
Century 500 Gal. Sprayer
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DeLaval Manure Pump
NH 8 Crop Carrier

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Ford 1300 w/front blade
NH 791 Manure Spreader
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JD 643 Corn Head
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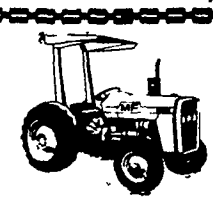

MF Massey Ferguson

TRACTORS & EQUIPMENT

AC D17 Dsl. Tractor
MF 40 Dsl. Tractor and Loader
NH 479 Haybine
NH 718 Harvester w/822 Head & Pickup
Fox 2000 Fg. Harvester w/2R C.H and Pick-up
NH 36 Crop Chopper
IH #46 Baler
IH 440 Baler
NH 310 Baler
NH 315 Baler
NH 270 Baler w/thrower
NH 269 Baler w/thrower
NH 1010 Bale Wagon
NH 510 Manure Spreader
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MF 240 Tractor
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MF 210 Tractor
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MF 20 Turf Tractor
MF 34A Loader
(2) MF 216 Loader
MF #43 2B Plow
MF 820 Disc Harrow
MF 520 disc harrow
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MF 227 Scraper Blade
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234 4WD
244

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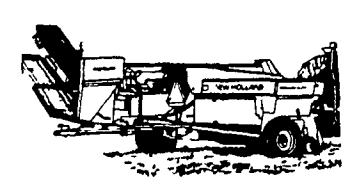

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489 mower conditioner	7500
488 mower conditioner	6300

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NH #791 Spreader, 11:20 Tires	$7130
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Leasing Available

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NH 479 Haybine, Ex. Cond.
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NH 273 Baler w/engine
NH 310 Baler w/engine
NH 268 Baler
NH 54A Thrower
NH 455 Mower
NH 256 Rake, Ex. Cond.
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NH 717 N2 Corn Head
NH 717 Pickup Head
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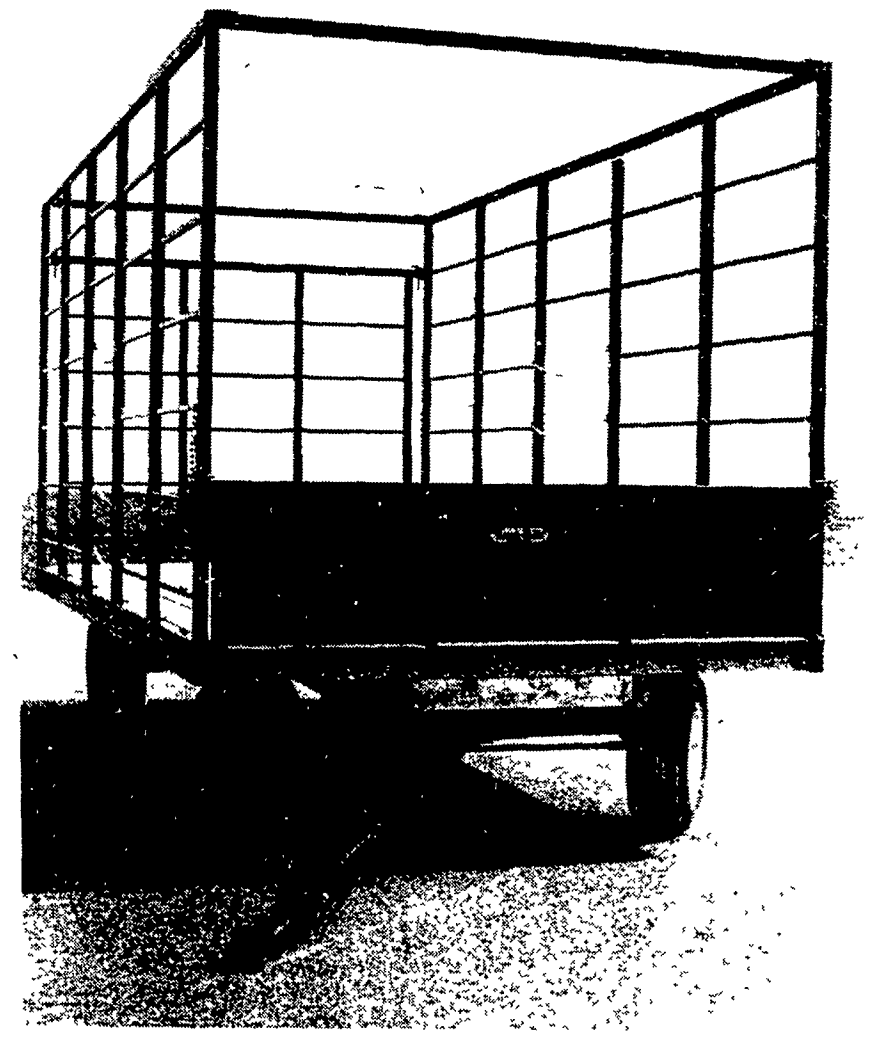
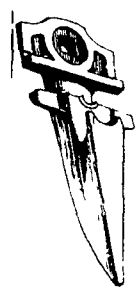


CUTTERBAR GUARDS



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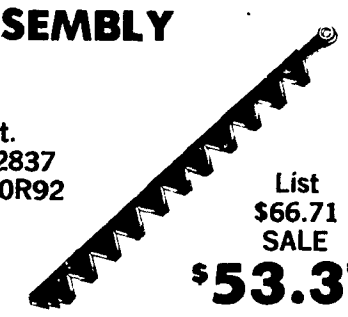
MA 22837
462380R92



List $66.71
SALE **$53.37**

NEED YOUR TRACTOR PAINTED?
We will sandblast and paint your tractor.
CALL FOR A PRICE TO MAKE IT LOOK LIKE NEW

CLEAN-CUT BARGAINS...Save Up To 20% on International Cutting Parts!

We Probably Have The Needed Parts In Stock

WILL SHIP SAME DAY VIA UPS-PPSH-BUS-AIR FREIGHT-ETC.

CALL US TOLL FREE:
PA: 1-800-732-0017
NJ, MD, DE, NY, VA:
1-800-233-0165

USED EQUIPMENT

TRACTORS

TAG#	DESCRIPTION
W7302	IH 1486D w/Duals, Cab, A/C
W7678	IH F1466D w/Cab 20.8x38
W7372	IH 1466 w/Cab 20.8x38F 3824 Hrs.
W7379	IH 1456 w/Cab 3 Sets IH Rear Wts.
W7951	IH F1086D Frt. Wts., Radio
W7864	IH F1066D, No TA, No Cab, 18.4x38
W8040	IH F966D w/Cab, 18.4x38, Rear Wts.
W7835	IH 500G Crawler Loader w/5' Bucket
W7870	Farmall H w/Pulley
W7825	Farmall H w/Pulley
W7928	LeRoi Centour AG 49 w/3 Pt
W7821	IH 4120 Skid Loader w/35" Utl Bkt (new)
W8082	Deutz 100-06 w/cab
W8307	IH F1456D, No Cab w/Duals
W8229	IH F966D, No Cab
W7797	IH 656G Hydro
W8165	IH 584D, 480 Hrs.
W8045	IH 454G
W7183	Steiger, ST251 w/20.8x34 Duals
W8440	Ford 960 w/Loader
W8431	AC WD45 w/Loader

TILLAGE

TAG#	DESCRIPTION
T8102	Krause 2442 Disk
T8204	Kause 2413 Disk
T7049	Krause 2413 Disk w/3 Bar Tine Harrow
T5440	Deere KB Disk
T8034	Deere 110 Disk 10'
T7662	Miller 10' Disk Hyd. Leveling
T7751	Miller 12' Disk
T7413	Oliver 252 10½' Disk
T5584	Sunflower 29 Disk
T6033	A/C 3300 24' Disk
T7688	Ford 4F 16" 3 Pt. Plow
T7562	IH 800 10F 18" Plow Trailing
T7892	IH 710 6F 18" Semi-Mtd. Auto Plow
T7945	IH 710 4F 16" Auto Plow w/Coulters
T6470	IH 540 4F Plow
T8187	Tebban 13 Shank Sub Soiler
T8101	Dunham-Lehr 36' Packer
T8273	Deere H1000, 10' Disk
T8105	IH 710, 7F 18" Auto Plow
T8292	IH 350 9' Disk
T8166	Deere BW 10' Disk
T8291	IH 700 4F 16" AR
T8363	IH 550 5F 16" Plow
T8366	IH 510 5F 16" Plow
T8412	Krause 1112, 16' Disk

PLANTERS & DRILLS

TAG#	DESCRIPTION
V3288	IH 400 Planter 8R Cyclo
V6654	IH 400 Cyclo 4R Planter
V7720	AC 600 6R Planter No-Till, Gran Fert.
V7567	IH 510 21x7 Comb. Drill w/Double Disk Opener
V7862	IH 510 18x7 Comb. Drill, Trailing, Hitch
	15' Tye No Till Drill w/Grass Seeder
V8358	IH 400 Cyclo 4R Planter
V8124	Deere FB 17x7 Drill w/grass seed

MISCELLANEOUS

DESCRIPTION
Moridge Portable Grain Dryer

ALL NEW & USED PRODUCTS BACKED BY HOOBER PARTS & SERVICE

Radio Controlled Trucks For Better Service

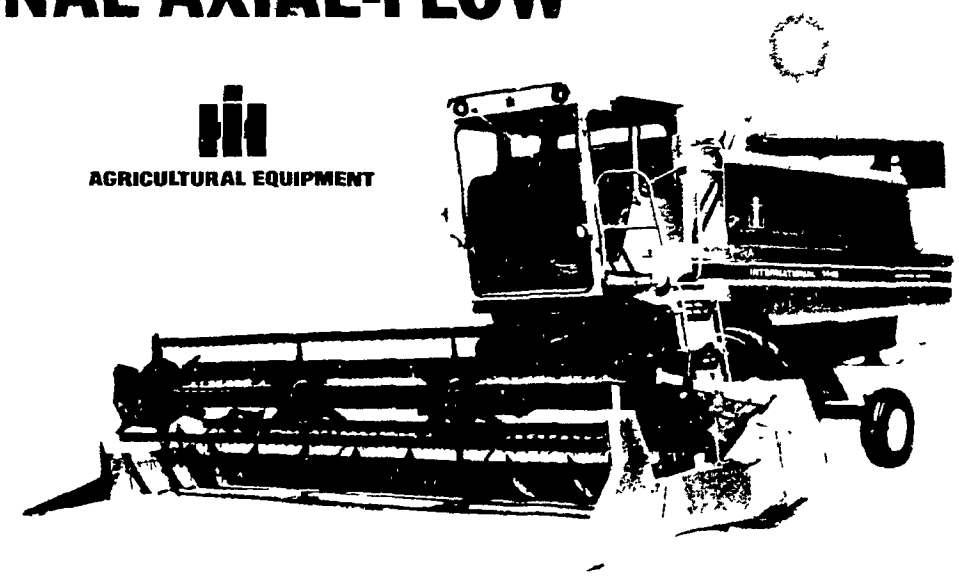
C.B. HOOBER & SON, INC.

INTERCOURSE, PA (717)768-8231 - AUTHORIZED UPS STATION - MIDDLETOWN, DE (302)378-9555

FARMERS REPORT MORE PRODUCTIVITY WITH AN INTERNATIONAL AXIAL-FLOW

Get More Bushels Per Day, More Bushels Per Acre, More Dollars Per Bushel, And More Bushels Per Gallon Of Fuel.

AGRICULTURAL EQUIPMENT



THE FACTS ARE SIMPLE

Year after year more farmers are noticing the impressive results of International Axial-Flow Combines. When your neighbors get increased performance and productivity like outlined below, its no wonder that International Axial-Flow combines have earned the trust and admiration of farmers all over the East.

Full Season Comparison of International Axial-Flow Combine with Prior Combine of Equal Size.*

CORN/BEANS

		1440 Vs. Class IV	1460 Vs. Class V	1480 Vs. Class V
More Bushels Per Day Percent increase in bushels per 10-hr. day	Corn	+33%	+21%	+35%
	Beans	+26%	+18%	+26%
More Bushels Per Acre Extra bushel from less grain loss	Corn	+.63 +.91 sidehill	+.56 +.76 sidehill	+.33 +.66 sidehill
	Beans	+.65 +.85 sidehill	+.58 +.87 sidehill	+.64 +.64 sidehill
More Dollars Per Bushel Increased value per bushel from less dockage	Corn	+1.8¢	+1.75¢	+1.53¢
	Beans	+1.8¢	+1.75¢	+1.53¢
More Bushels Per Gallon Percent increase in bushels per gallon	Corn	+39%	+25%	+28%
	Beans	+31%	+22%	+24%

*More than 1600 owners of Axial-Flow combines compared the productivity of their Axial-Flow combines with their prior combines These facts are from the more than 1000 corn/bean farmers reporting.

BUY YOUR COMBINE FROM A COMBINE DEALER

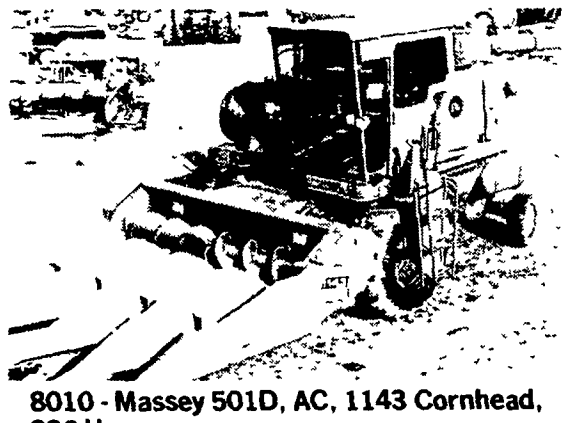
AND GET PARTS & SERVICE SUPPORT

- 3 Fulltime Combine Mechanics driving fully equipped service trucks
- Over $250,000.00 in Combine Parts Inventory & 8 Partsmen to serve you. Parts Dept. open evenings during harvest.
- Experience from starting over 60 combines in all types of crops - barley, oats, wheat, corn, beans and high-moisture corn.

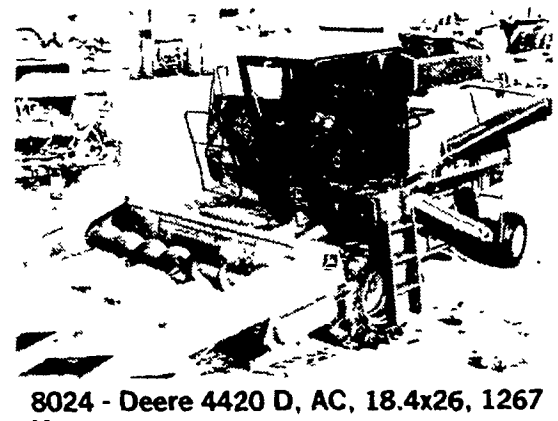
Increased Productivity Does Not Always Have To Carry A Higher Price Tag.

IH Combines Are About The Same Price As Comparable Conventional Combines.

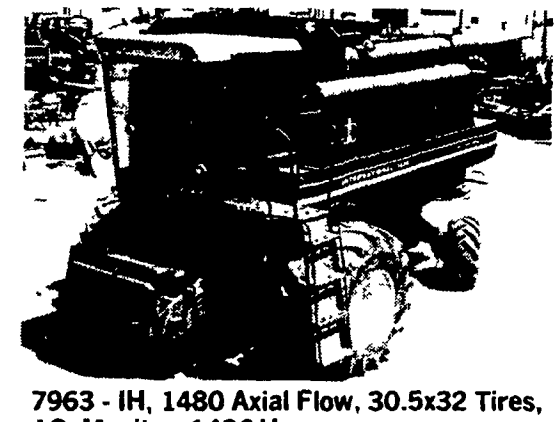
GOOD USED COMBINE PROGRAMS



8010 - Massey 501D, AC, 1143 Cornhead, 836 Hours



8024 - Deere 4420 D, AC, 18.4x26, 1267 Hours



7963 - IH, 1480 Axial Flow, 30.5x32 Tires, AC, Monitor, 1486 Hrs.

11.9% APR FINANCING PLUS WAIVER OF FINANCE CHARGE UNTIL SEPTEMBER 1, 1983

ALL NEW & USED PRODUCTS BACKED BY HOOBER PARTS & SERVICE

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VISA

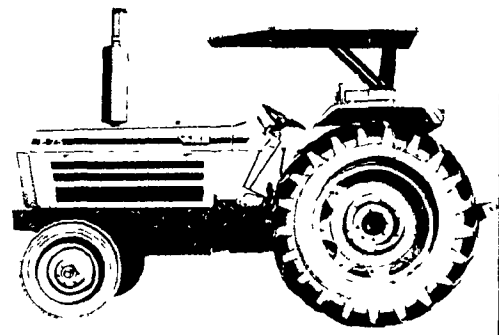
FARM EQUIPMENT FARM EQUIPMENT FARM EQUIPMENT

PICK YOUR DEAL ON WHITE TRACTORS & CORNPLANTERS!

9.75% A.P.R.
or
FREE FINANCING

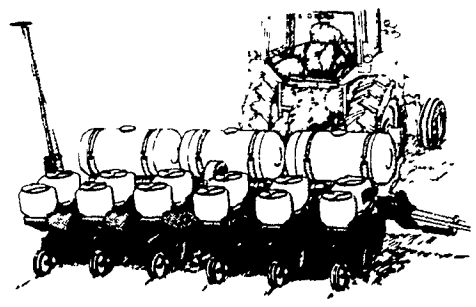
Now Available!

TRACTORS!



White Tractor	List Price	Waiver of Finance or 9.75% APR Financing	Cash Price
Model 2-75	$23,328	$18,695*	$17,695
Model 2-105	$36,530	$26,500**	$23,990
Model 2-135	$44,390	$34,500**	$30,990

* 9.75% APR For 36 Month Contract or Free Finance Until 3/1/84.
** 9.75% APR For 60 Month Contract or Free Finance Until 4/1/84



CORN PLANTERS!

White Planters	List Price	Waiver of Finance Til 10/1/83 or 9.75% APR Financing For 24 Months	Cash Price
Model 543, 4 Row, No Till	$ 7,214	$ 5,995	$ 5,595
Model 543, 6 Row, No Till	$10,900	$ 7,450	$ 6,995
Model 5100, 4 Row, No Till	$11,543	$ 8,450	$ 7,995
Model 5100, 6 Row, No Till	$17,052	$12,300	$11,750

★ Quantities Limited - Hurry! Some Models Only 1 Available!
★ 9.75% APR Can Be Financed Thru BWAC, CECC, or Your Local Financing Source - Stop In For Details!
★ Terms: No Trade, F.O.B. Honey Grove, Pa.

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Honey Grove, PA 17035 - Phone 717-734-3682
Located 14 Miles South of Port Royal on Rt. 75

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Sales - Parts - Service

LONG

New Long traveling irrigation unit 1820
New Long 610 DT, $12,600
New Long 310 DT, $8,600
New Long 510, 48 HP $8,500
New Long 460, 41 HP $7,900
IH 1466 w/cab
IH 1086 w/cab
1 IH 966 w/cab
IH 966 $8,900
JD 2840
Cab for JD 2840
2 JD 3130 1 w/cab
3 JD 3120
SOLD
Ford 8600 w/dual power, $8,900
Demo Ford 6610, $14,700
Ford 6600
Ford 5600 4 wheel drive, demo, $19,900
3 Ford 5000 1 w/dual power and cab
2 Ford 4000
Ford 3000
Ford 671
Ford 641 diesel
Ford 541 offset
Ford Jubilee w/loader
3 Ford 8N
Roadless 95 4 wh drive 90 HP, $5,700
MF 1150 w/cab, $5,600
MF 165
Case V
AC B w/cultivators
Wolverine 25' gooseneck trailer

¼ Mile East of Exit 6 I-81
Hours: 8:30 - 5:00 Mon. - Fri.
8:30 - 12:00 Saturdays

CHECK OUR PRICES AND TERMS FOR NEW & USED EQUIPMENT

NH 519, 791, Flat Bed Spreaders
MH 851 Lg. Round Baler
NH 892 Fg. Harvester
PTO Wood Saw
Special Low Price on
NH 890 Windrow Attachment
NH Waiver of finance till April 1, 1984 w/interim payment or 3%, 6%, or 9% APR for 12, 24 or 36 Mos. respectively

USED EQUIPMENT

JD 24T Baler w/ejector	$1450
NH 273 PTO Baler, Ld. Chute	$1550
Ford 250 PTO Baler	$400
Ford 40 h.p. Skid Steer Loader, Ex. cond., only 1100 hrs	$6500
NH 469 Haybine	$1950
NH 479 Haybine	$2175
NH 498 Haybine	
NH S717 1R Fg. Harv.	$785
AC Hopper Blower Belt Driven	$150
NH 367 Flail Spreader	

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700 Woodcrest Avenue, RD3, Lititz, PA

IH SUPER SAVING TIME

JUMBO FILTER SALE!

IH Fuel Filter Elements

- Prevent damage to injection pump and engine parts
- Trap contaminating particles as tiny as 0002 of an inch

If your diesel engine misfires and loses power, chances are your fuel filter element is clogged and needs replacing. IH fuel filters provide complete protection by trapping microscopic particles that could quickly ruin injection pump parts

IH fuel filters are designed to allow an even flow of fuel through the filter while trapping contaminants IH fuel filters trap dirt, dust, grit, and other contaminants found in diesel fuel in addition to those contaminants that enter through the filler pipe and vent tube, preventing them from entering the injection pump

The heavy duty bottom tapping plate of each spin-on filter is engineered to prevent leakage and failure

The O-ring inner seal prevents any internal by-passing of unfiltered fuel into the pump and the injectors The filters are 100 percent pressure tested to make sure there are no leaks They are sealed with dust covers to protect them before installation

All International Harvester filters are engineered and tested for their specific model applications And the finished product is constantly checked by International Harvester quality control engineers to make sure that IH s strict quality standards are met Here are just a few of the tests made during manufacture

1. Restriction test checks the ability of the filter to meet pressure loss requirements under pre-determined fuel flow and fuel temperature

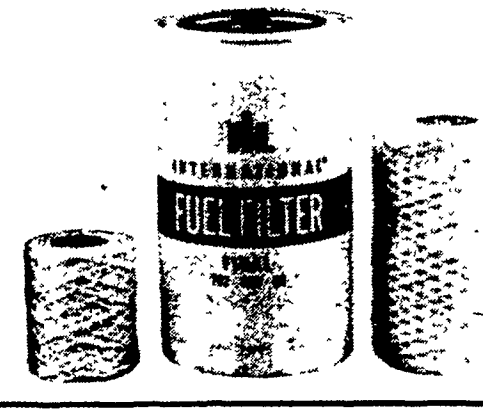
2. Efficiency test determines the ability of the filter to retain various size contaminants on a single-pass basis

3. Capacity test checks the ability of the filter to remove various size contaminants from the fuel system

4. Paper rupture and core collapse test measures the ability of the filter element to withstand a minimum differential fuel pressure across the filter

5. Hydrostatic strength and seal test checks the ability of the filter assembly to meet a specified internal pressure

These tests are part of the reason why IH fuel filters continue to work efficiently



PARTS VALUE OF THE MONTH

See "Hen" Now For Special Values On Filters!

PARTSMART

ERB & HENRY EQUIP., INC.

New Berlinville, PA 19545
PH: (215) 367-2169

FARM EQUIPMENT FARM EQUIPMENT FARM EQUIPMENT FARM EQUIPMENT FARM EQUIPMENT

New Equipment Specials

IH #800 6 row plate planter(DEMO)
Gehl 100 grinder-mixer, $6,725
Gehl 1600 baler (DEMO) $8,000

Used Equipment

I 84 hydro diesel	$13,450
F 656 gas, wfe, 3 pt	$6,600
I 544 gas, utility	$5,400
F400 gas, new tires	$1,850
460 diesel w/2001 loader & hyd. bucket	$3,500
Farmall M	$1375
412 4x14" plow	$495
550 5x14" plow	$850
MF 3x14 3 pt. mtd. plow	$395
Kasco 12' 3 pt. chisel plow	$1675
#45 vibra shank cult., 26½' w/mulcher attachment	$3,500
JD 13x7 single disc drill	$795
IH 400 4 row planter	$2,000
IH 455 4 row shoe planter, as is	$675
AC 4 row cornplanter, as is	$725
AC model 600 no-till corn planter, 4x38"	As is $1500
IH 453 cult. 4 row rear mtd.	$850
IH 205 combine, cab, 10' platform, 2 row corn hd.	$6,500
IH 430 baler w/thrower	$2,695
AC 303 baler w/thrower	$995
NH 67 baler w/thrower (motor on thrower)	$795
IH 56 blower	$950
Fox blower (as is)	$575
1190 mower-conditioner	$4,150
Hesston PT-12 pull-type windrow	$1,025
IH 863 6x30 corn head	$6,950
Kewanee 8' 3 pt. blade	$495

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Dalmatia 717-758-3021
717-758-6491
35 miles North of Harrisburg, PA on Rt. 147.
18 mi. South of Sunbury
INTERNATIONAL AGRICULTURAL EQUIPMENT
• U.P.S. Service Available

PUMPS

IRRIGATION - WASTE - MANURE - FIRE - INDUSTRIAL
New - Used
Diesel, PTO, Electric, Gasoline

SALE - USED

GORMAN-RUPP PUMP
w/gasoline industrial engine on rubber tired trailer, 500 GPM at 160 PSI - guaranteed $6000

HALE
500 gallon pump on base to mount to your engine $400

MARLOW
4"x4" on base adaptable to electric motor, good value, $500

REYNOLDS ALUMINUM PIPE
Irrigation, Repairs & Gaskets for:
RACE, WOSCO, WADE, IRRECO,
CHAMPION, SHUR-RANE, McDOWELL,
RAINBOW, A-M AND OTHERS

SPRINKLERS: Rainbird, Skinner

MURPHY SAFETY PUMP CONTROLS

Good rebuilt GORMAN-RUPP PTO pump, also used Hale, CMC, Marlow, Peerless-Electric

"We Deal in Solutions"

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4021 N. 6th St., Harrisburg, PA 17110
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Ford Tractors Equipment — AVCO NEW IDEA — HESSTON

SPECIAL
New NI 323 Picker
New NI Manure Spreaders

USED EQUIPMENT

Oliver 1850 Tractor
Ford 9N Tractor
Ford 5600 Tractor
Ford #101 3 x 14 Plow (Excell)
White 5100 4R Planter (Excellent)
IH 56 4 R Planter (Excell)
JD 1250 6R Planter
Ford 12' Offset Disc Harrow
Brillion 14' Harrow
MM 4B Semi Mtd Plow
Noble 25' Field Cultivator
Woods C80 Rotary Cutter
Hesston 1014 Windrower
NI 402 Rake
Ford 501 Rr Mower
White 8700 Combine Dsl Hydro, air
White 8600 Combine, dsl hydro, air
IH 203 Combine
JD 24T Baler w/thrower
NH 320 Baler
MF 120 Baler w/thrower
1068 Haybuster no till drill (demo)
Fox /28 2R Corn Head

We are Your Certified Better-Bilt Dealer

STANLEY'S FARM SERVICE
RD Box 46
Klingerstown, PA
717-648-2088

New Hesston 7140 Forage Harvester with 6 Ft. Pick up Head And Rebeveled Grinder

$7695.00
List $11,418.00

Hesston Model 7140

In spite of its more economical cost, this Hesston delivers large harvester performance. Operates behind tractors with up to 115 hp

- Big 139 square inch throat opening gives top capacity
- Quick-adjust shearbar standard
- Power-saving features like straight-through crop flow, 6-knife cutting cylinder

MILLER'S REPAIR
1 Mile North of Bird-In-Hand
8 Miles East of Lancaster
RD 1, Bird-In-Hand, PA
Ph: 717-656-6109

HESSTON The PRIME LINE

Dismantling Combines for parts over 200 all makes and models. Call before you come.

IH 64, 76, 80, 82, 125, 127, 141, 101, 151, 91, 93, 203, 303, 403, 205 & 815. JD 12 A, 25, 30, 40, 45, 55, 95, 105. AC 60, 66, Gleaner A, C, CII or L. MF Clipper, 26, 27, 70, 80, 90, 72, 82, 92, 35, 300, 410 & 510. Oliver 33, 35, 40, 430, 525 & 545. Ford SP & pull. 701 NI Uni tractor, NI Uni - 705D (ear corn unit), combine & shellers, Case 800 & 660, 600.

COMBINES

Gleaner E, 10' grain
IH 105, cab, grain & 2 row corn
Gleaner E 10' grain and 2R cornhead
IH 303 combine w/grain head
IH 503 Combine w/4R & Grain Head, $4000 Nice
AC C2 gleaner combine w/grain & corn head
IH 101 Combine w/10' head
IH 203 combine w/cab and 10' grain head
1976 JD 3300 cab, air 10' grain w/hume reel, 1300 hrs.
Gleaner K w/cab & grain head
Gleaner A2 w/cab & grain head
MF 300 w/quick tach, diesel, cab, grain & corn heads

TRACTORS

530 Case Backhoe
Oliver Super 77 w/hyd.
IH 856 Diesel, 3 pt., $6550
IH 706 Diesel, 3 pt., $3900
JD 3010 Diesel, 3 pt., $4500
1-IH 574 Diesel, 3 pt., $3500
Farmall BN w/btm. plow & cult. $1050
AC D15 w/wide front

TILLAGE

1-trailer type chisel plows
IH 6 row 30" air planters, excell. cond. $1200.
IH 12' drag disc, choice $185
IH 4 bottom 16" steerable plow, $775

MISC.

IH 105 grinder mixer, $1100
NH 469 haybine
New bale thrower wagon
Sauder loader, $100
2-IH 5 btm. 16" steerable plows
2-JD 34 harvesters, choice $500
Shasta Camping trailer w/furnishings, very clean, $975.
IH fast hitch mower, belt drive, $500
JD side mount mower
IH 1300 3 pt. balanced head mower
(2) IH 56 Blowers
New J&M gravity flow box
NH 461 haybine
IH 990 haybine
NH 717 harvester
JD 16A flail chopper
1965 model mac-truck tractor, twin screw, $4000
Dump trailer will haul 12 T shelled corn, suitable for tractors 100 HP or over
IH PTO spreader, $375
JD unloading wagon
JD 1450, 6 btm., 16" plow, on land hitch, $1575
Selling parts off of Hesston 320 SP haybine

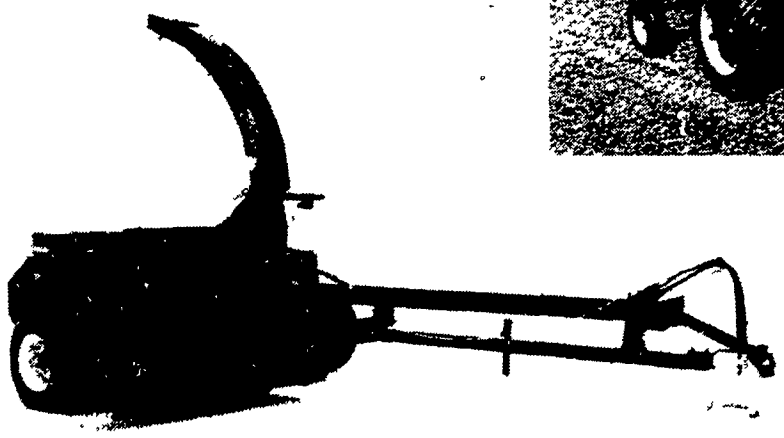
DISMANTLING TRACTORS FOR PARTS
Harvesters and Corn Heads for Parts
JD 2010, 70D, 4010, IH 560 D, IH F 14, A, B, C, H, M, 300, 350, 460, 460 Ut., Supers C, H. & M. JD A, B, 50 & 60. AC WD, WC, D17. Oliver 70 & 77. Ford 8N, Ford 6000D. Case SC & V.A.C., DC. Massey 44D, 333, 30, MF 85D, IH 400, MTA, 240, F20, WD D2 Cat crawler. JD 70 G, Oliver crawler, 2 Oliver crawler loaders.
Dismantling 50 pickers for parts

KEITER'S FARM MACHINERY
R.D. #1 Halifax, PA 17032 Rt. 225 20 mi. from Hbg.
Phone: 717-362-9574

TIME TO MAKE HAY WITH IH HAY MACHINES

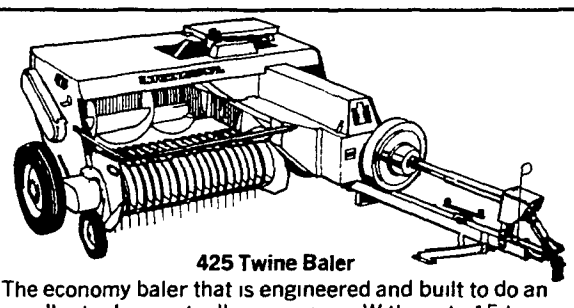
Now At BIG CASH SAVINGS

Proven performance for timely, quality haymaking 1190 Mower Conditioner
You get clean cutting plus complete crush and crimp conditioning to speed drying. As a result, you save more leaves and protein for maximum feed value. Header floats laterally and vertically to harvest more of your crop. Patented roll separation feature lets you clear slugs without leaving the tractor seat.



781 and 881 Forage Harvesters
High-capacity, dependability, and everything else you need for profit-making performance — that's what you get with International 781 and 881 forage harvesters.

GOOD USED FORAGE HARVESTERS
- 650 w/Hay & Row Crop Unit . . . $3,440
- 830 w/Hay & Row Crop Unit . . . $6,200

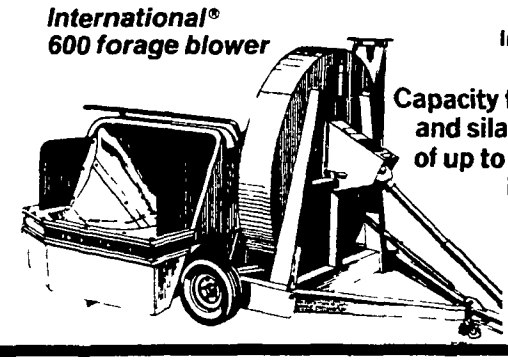


425 Twine Baler
The economy baler that is engineered and built to do an excellent job in virtually every crop. With up to 15 tons (13.6 mt) per hour capacity, it's a natural choice of farmers with average to moderate requirements
One Only... $4,900

Capacity to match tall silos

International® 600 forage blower

In Stock



Capacity to blow haylage and silage at the rate of up to 180 tons per hour.

R.S. HOLLINGER & SON, INC.
PARTS & SERVICE

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Mountville, PA
Ph: 717-285-4538

Store Hours:
Mon., Wed., Fri. 7 to 8;
Tues. & Thurs. 7 to 5:30;
Sat. 7 to 2

CERTIFIED SERVICE
This dealership's service department has qualified as an IH certified service center. International Harvester Company

FARM EQUIPMENT | FARM EQUIPMENT | FARM EQUIPMENT | FARM EQUIPMENT | FARM EQUIPMENT

NH TR 75
Pay New Holland what we owe and it's yours!

New White 2-85 Tractor

Used Woods Mowers

JD 1209 Haybine

Ford 537 7' Haybine

NI 290 Haybine

Planters

Tri-Axle 18,000 16, 24' Trailer

New Idea #218 Spreader

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New Holland, White
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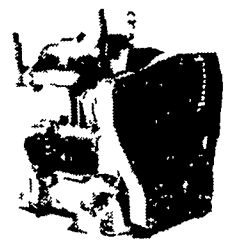
Hanover, Penna.
717-632-3660

Kirloskar **DIESEL POWER**



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- Generators
- Farm & Construction equipment

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INTERNATIONAL® AGRICULTURAL EQUIPMENT

THIS MONTH'S SPECIAL ON NEW EQUIPMENT

New Tractors on Stock
IH 3688 w/cab
IH 3288 w/rops
IH 684
IH 784
IH 484

New Hay Equipment
IH 35 gr-dr hayrake
IH 428 baler w/thrower
IH 1190 9' mower conditioner
IH 781 forage harvester
IH 881 forage harvester
IH 120 16' forage box
IH 130 16' forage box

New Tillage on Stock
IH 720 6F-18" toggle trip on land plow
IH 720 5F-18" auto. reset plow
IH 510 4F-18" plow
IH 475 12' disc
IH 480 13' 5" disc
IH 496 19' flexwing disc
IH 4500 12' field cult.
IH 5500 11' Chisel-plow

USED TRACTORS

IH 186 D w/cab hydro nice .. $22,500
IH 806 D w/3 pt. $8500
IH 684 D, w/99 hrs. $13,650
IH Super C $1250
IH 484 D w/300 hrs. $10,500
IH 686 w/998 hrs. $12,500
Ford 9N w/(nice) loader $1750

USED CORN HARVESTING & COMBINE EQUIPMENT

IH Sheller for 234 Picker $950
Fox 1 Row Corn Head for a 546 . $150
JD 30 pull combine w/PTO $950

USED HAY EQUIPMENT

IH 37 Baler w/thrower $1800
IH 27 Baler w/thrower $1500
NH 770 Forage Harvester w/2 RW narrow head and pick-up unit $5250
IH 2 rw wide and narrow head for 720 and 830 harvesters $1650
IH 56 Blower $1050
Woods MF, 5' rotary cutter $650
Lamco 16' forage box w/roof .. $1850

USED TILLAGE

IH 401 16' Harrow $600
IH 560 6F 16" plow w/cyl. $1500
Brillion 15' cultipacker (end transport) $1250
JD 21' transport harrow $1250
IH 550 5F 16" plow $1250
IH 710 5F 16" plow w/cyl. $2250

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NI Model 211 Spreader (Nice) . $1350
IH 540 w/hyd. endgate, ... $2150
JD 300 elevator, 30' $500
Starline tub spreader $750
Little Giant 48' elevator w/motor $1450

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IH 56 4 row $1250
IH 400 4 row 38" $1500
JD Van Brunt drill $500
IH 249 2R planter $500
Oliver 2R planter $150
IH 400 6 R 30" Planter, w/insect $3500
JD 1240 4 R wide planter $1750

Waiver of finance until 5-1-83

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East Chestnut St., Mifflinburg, PA 17844
Phone: (717) 966-3114
Evenings - 717-524-2924 - Frank Saner

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USED TRACTORS

* Case 2590, 190 hrs., 1981
* IH 574 Diesel
* IH 656 Gas Hydro
* Ford 3600 Diesel, 1100 hrs.
* AC 190 XT Dsl.

USED HAY AND FORAGE EQUIPMENT

* NH 770 Fg. Harvester 2RW, 2RN, 6' PU, Direct Cut
* NH 1890 Self-Prop. Cab, A/C, Cat. eng., 3RN & 7' P.U.
* JD 336 Baler w/Kicker

USED TILLAGE

* JD 7000 12 Roll Front Folding Planter
* JD 400 Rotary Hoe 20'

USED COMBINES

* JD 7700 Hydro Rotary Screen
* JD 16' Rigid Platform
* JD 220 Flex Platform, like new

MISCELLANEOUS

* JD 709 3 pt. Mower 7'
* JD 27 Flail Shredder
* 16.9x28 Duals
* G.E. Electrack Mower
* Gravely Mower & Sulky
* JD 68 rider w/bagger
* IH 129 Hydro 12 h.p. Mower
* JD 214 14 h.p. Lawn Tractor
* JD 212 12 h.p. Lawn Tractor

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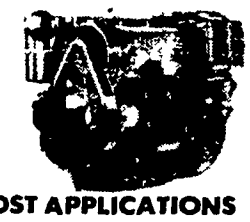
AVCO VM Diesel



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From 13HP to 200HP AIR COOLED

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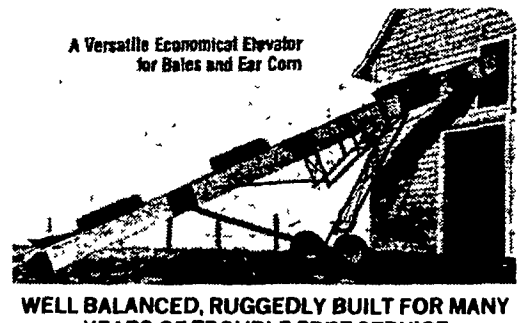

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28 Ft. ..... $1270 32 Ft. $1345

Also available every 4 ft.
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NEW 1983 TRAILERS ON SPECIAL
- 1 Axle, 2 Ton $1150
- 2 Axle, 4 Ton $1350

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JD 544B $28,500
OMC 770 .... $16,500
Michigan 55 ... $8500
Trojan 154 Gas. $4950 Prime Mover
LD50 ..... $12,500
Hough HM - As Is. $2500
AC 840 ..... $17,500

BACKHOES

Parsons $5950
Case 580B .. $12,500
Ford 4500 ... $10,500
Ford 5500 ... $12,500
White 4-80. .. $16,500
Long 5 in 1. .. $16,500
IH 3400A $8950
IH 2504 ..... $6950
IH 3820. ... Coming in

BACKHOE ATTACHMENTS

IH 3141 ..... $2000
Sherman. $650 $2000
JD 93 ..... $2900
JD 93A $4900
Case. . $1750 & $2500
McConnell $2200
Long - New $3950
Ford $1500

TRACTORS WITH LOADERS

Case 580CK ... $6950
(2) Ford 600 ... $3650
MF 20C $5950
Ford 8N $2450

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Cat 933 ..... $8500
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JD 350 ..... $5900
JD 350B w/Backhoe. .. $18,500
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Cat 977L $45,000
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Oliver OC3 .... $2950
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OMC 1700 Diesel $5900
Melroe 520 .... $4900
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Old Cat D8 .... $2000

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1974 IH Diesel w/9' Body - Air Brakes. $10,900
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(3) Mack 35 Ton Rock Trucks $59,500
(2) Mack 25 Ton Rock Trucks. ..... Call
(3) Mack 20 Ton Rock Trucks. ..... Call

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(40) Used hoe buckets ... From $150
(25) Loader buckets .... From $95
(30) Set forklift forks ..... From $300
(6) Winches ..... Call
Adams Grader . $2300
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1 Ton Roller ... $1000

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1969 Great Dane 35 ton detachable .. $14,750
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1983 2X 6 Ton . $3600
1983 3X 9 Ton . $4400
1983 1X 2 Ton . $1150
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(2) 1977 Freuhauf - 40' Flats $5500
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(2) 1979 Strick - 40' Flat $7000
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1974 Ford Louisville Diesel $6950

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Int. 7000 - 21' ..... Coming in
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Cub w/Cult. $1850
966 w/Cab - Nice $10,950
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(2) MD . . . . . Choice $1250
15-30 - Antique $1750
130 w/FH & Cult. $3450

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175D $5850
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20C w/Loader $5950
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44 Special - Diesel . . . . . Coming in
444 Diesel . . . . . Coming in

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8700 Cab - Air - 1977 . . . . $13,950
6600 . . . . . $7950
2000 w/Mower - Nice $3950
8N $1650
(2) 600 w/Loader . . . Choice $3650
9600- DP - 1975 - Clean $9850
9000 . . . . . $6950
(2) 5000 . . . . . $5450 & $6450
(2) 6000 . . . . . Choice $2850
3000D - PS - Nice $4850
(4) Antique Fordsons . . . $800 & up
8N w/Loader $2450
9N Step-up $1750

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1070 Cab - PS $7450
VAC - Nice $1250
580 CK w/Loader & 3 pt. . . . $6950
(4) 930 Standard . . . . . Call

"5" 4 WHEEL DRIVE TRACTORS From 65 HP to 200 HP

MF 1805 - Cab - Air - 3 pt PTO - Duals - Nice - 1500 Hrs. . . $17,950
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Case 2470 - Cab - 3 Pt - PTO - 1973 . . . . . $14,950
MM AT4-1400 - 3 PT - PTO . . . . Call
Ford County 6 - 1124 - 1970 $8950

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1950T - Nice $7,950
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Deutz 6006 - Nice $5950
880 Gas - 3 pt. - P.S. $2950

LONG

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B6100 4WD w/Mower $5495
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D15 - PS $2000
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(2) G w/Rotary Mower $1850
210 w/Cab - Clean $9450

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4620 - P. Shift - Nice $12,450
4320 ROPS - WTS $11,950
4320 . . . . . $10,950
5010 . . . . . $6350
4020 - Side Console - Syncro - Nice $8950
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4010 LP $3950
(2) 50 - Choice $1450
4230 - ROPS - 1976 . . . . . $10,500
4430 Cab - P. Shift - 1975. $16,450
4030 - Syncro - 1974 . . . . . $9850
2840 - Clean - 1978 . . . . . $11,950
2640 - 1977 - ROPS $9850
4520 . . . . . $8950
1936 Antique "A" - Nice . . . $2850
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Various Heads In Stock For All Machines

NH 890 . . From $4000
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JD 35 . . . From $1500
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(2) A.C. 720 w/2 x 30 . . . . . From $1500

100 EXTRA HARVESTER HEADS
PICKUPS - CUTTERBARS - CORN
FOR ALL MAKES

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*JD 7000 6X - No til - Monitor - Dry - Nice $9500
*AC 770 - 4X - Air - Monitor - Like New - No Til $2950
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IH 2X - FH - Clean $600
MF 2X - 3 pt. $795
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IH 720 5x18" Reset $4350
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IH 710 5x16" . . $2450
JD 1450 6x16. . $2350
JD F145A 5x16 $1450
JD 350 4x16 Reset $2450
JD 4x16 3 pt. . . . $775
MF 880 5x18 Reset $2950
MF 880 4x18 Reset $2650
MF 3x14" Rollover $795
Ford 142 3X Reset $1950
Ford 4x14" 3 pt. . $795
Lots More on Stock

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Hesston 5400. . $2950
JD 336 w/Ejector $4950
NH Super 69 w/thrower $1450
(2) JD 24T $1000
(3) JD 14T. . $500 & up
(2) NH 66 $795 & $895
Case 230 w/Thrower $1450

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(20) On Stock . . . . . All Price Ranges

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Mohawk 12' 3 pt. $1475

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(2) N.I. 279 Cutditioner - Excellent. $3500

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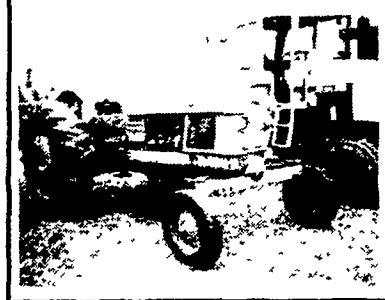
(4) Used for JD 4020 . . . . . $500 to $1000
(1) Used for IH 06 & 56 . . . . . $750
(1) Used for Ford 6000 . . . . . $875
(1) Used for AC 180 . . . . . $1500
(1) New for Ford 5000-7000 $1800
(5) New for MF . . . . $275 to $1155
(15) Used Combine Cabs . . . . . Call
(10) Used Rollbars . . . . . Call
New Cooler for Cab $500

FORD 6000 DIESEL



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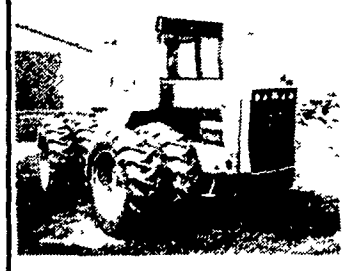
(3) Oliver 1850's - Good Buy . . . . . $3450 ea.
Farmall 806 D $3750
Oliver 1600 D $2900
Oliver 1850 D - 4WD $4500
Ford 9N $1000

1976 MF 1805



195 HP, 1,500 Hrs., Cab, Air, 3 Pt. PTO, Duals

$17,950

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JD 643-443-434-334 -313-335
AC 630-430-330
Oliver 703N-531-541
MF 63-43-33-321
NH 4x30 QT
Case 4x30-3x30
NI UNI - 3x30-4x30

WIDE ROW
IH 744-429-329-327-724-229-228-227-25-22-844
JD 434-334-234-210-205-10-344-244-444
AC 440-435-240-238
Oliver 544-531-522-512-
MF 44-24-422-322-222-22-20
NH 2x40
Case 4x40-2x40
NI UNI 3x40-2x40

COMBINES

JD 7700 D - Fire Damage $6900
JD 4400 - Nice - Rotary Screen. $14,500
JD 45 SB w/2 Hds. $5950
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IH 82 Pull Type. $3500
JD 4400 . . . . . $6000
702 Uni System $3950

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Hesston 10W & 30
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Good Asst.
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CORNSHELLERS

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JD 43 - Pull $875

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OMC - Nice $3850
NH 352 . . . . . $3450

NI UNI SYSTEMS

701 Tractor w/cab
727 Husking Bed
2x40 Cornhead
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710 Combine Grainhead
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3x40 Corn Head
760 Chopper
717 Combine
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1 Row to 4 Row
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6-8-10-11-12 Ton Gears . . . . . $425 & Up
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Self Unloading Wagons

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Rotary Hoes
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Lime Drills
Potato Plows
1X & 2X Potato Diggers
GT 270 Dryer
Mc 600 Dryer
(2) Gehl 72 Flail Choppers
JD 1500 Power Drill

CULTIMULCHERS

11'-12'

DUALS

New & Used
All Sizes

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3 Pt. - New & Used
Wheel Type From 8' to 24'
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32' to 40' - $695 & Up

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- 7' 3 pt. blades $250
- 8' 3 pt. blades $350
- 6' 3 pt. Landscape boxes $475
- 6' 3 pt. disc's $495
- 7' 3 pt. disc's $695
- 3 pt. fert. seeders . . . . . $275 & $395
- 3 pt. boom poles . . . . . $50 & $100
- Round bale feeders $145
- 3 pt. P.T.O. woodsaws $495
- 3 pt. 12" Post Hole digger $450
- 165 bu. gravity bins $475
- 210 bu. gravity bins $565
- 1 x 3 pt. plow $295
- 2 x 3 pt. plow $495
- 3 pt. bale mover $150
- 3 pt. potato plow $95
- 3 pt. subsoiler $150
- 3 pt. spike harrow . . . . . $500 & $600
- 6 ton wagon $425
- 8 ton wagon w/goodies $575
- 10 ton wagon w/goodies $625
- 11 ton tandem w/goodies $950
- 12 ton wagon w/goodies $950
- 4' 3 pt. rotary mower $485
- 5' 3 pt. rotary mower $495
- 6' 3 pt. rotary mower $695
- 4' pull rotary mower $675
- 5' pull rotary mower $695
- 6' pull rotary mower $895
- 6' 3 pt. stone rake $495
- 7' 3 pt. stone rake $525
- 8' 3 pt. stone rake $545

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An Honest (1030 hours)
IH 1066 Tractor w/no cab

JD 4230 Tractor, QR, Cab and Air
JD 4010 Diesel Tractor
IH T340 Crawler w/4-in-1 Loader
Farmall 806 Tractor w/407 Diesel
Farmall 560 Diesel Tractor
Case 930 Tractor, Standard Tread for belt power

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New & Used Machinery for Metal Working or Wood Working

Globe Stimpson model 140D meat saw, 1½ HP, 3 phase
1973 Int. 1710 20' van w/power tail, 26,000 lb. gross
Hospital beds, electric & adjustable

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Tross Terrains, Inc. has decided to cease farming. We are offering the following equipment and supplies for sale. Please Note! Our equipment has been kept in a like new condition. You can save many dollars by purchasing this equipment at a fraction of new cost.

Located on Rt. 890, six miles south of Sunbury.

Phone 717-286-6411 or 717-286-0215

- 1978 John Deere Model 6600 Combine, Side Hill, 1550 hrs. w/643 - 6 row corn head & 215 - grain platform
- Bale Wagon 8'-0"x20'-0"x8'-0" bed
- 4,000 lb. tilt bed equipment and cattle trailer
- John Deere Model 7000 conservation liquid 6 row corn planter

TROSS TERRAINS, INC.

P.O. Box 511 R.D. 3
Sunbury, PA 17801

Dairy Month Hay Tool Specials

	Was	Now
IHC 440 w/thrower	$4550	$3500
IHC 435 w/thrower	4900	3900
IHC 430 w/thrower (choice of 2)	3600	2500
Ford 542 w/thrower	4000	3000
Ford 532 w/thrower	3500	2500
Hesston 1010 hydro swing	3800	2800
Hesston PT10	3500	2500
IHC 990	2500	1500
Gehl 1090	3900	2500
Gehl 880	2800	1800
Gehl 770	3500	2000

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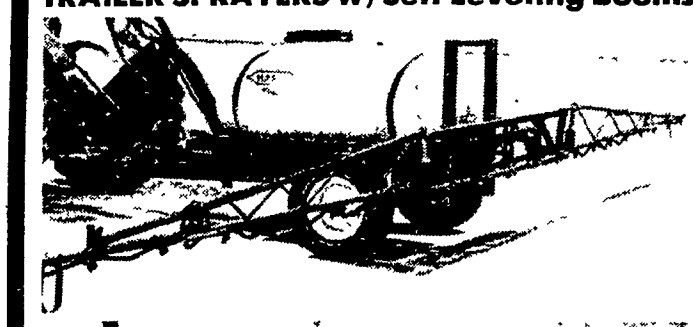
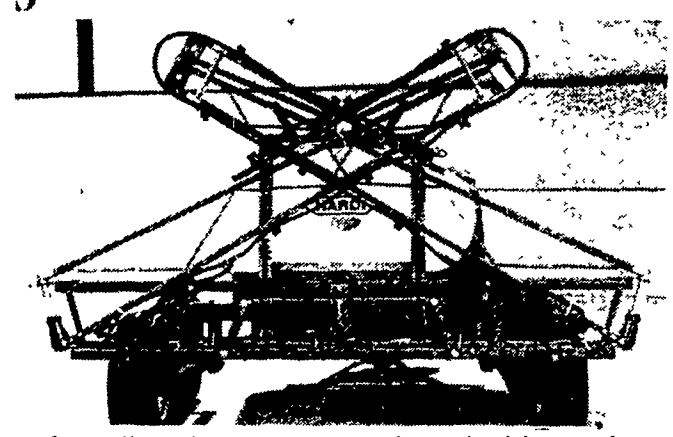
HARDI

NO. 1 IN SPRAYING EQUIPMENT AROUND THE WORLD

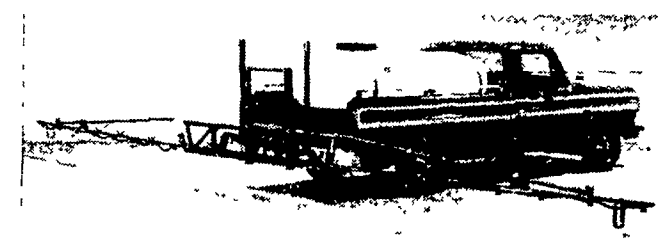
Full Line Of Spraying Equipment And Accessories

TRAILER SPRAYERS w/Self Leveling Booms



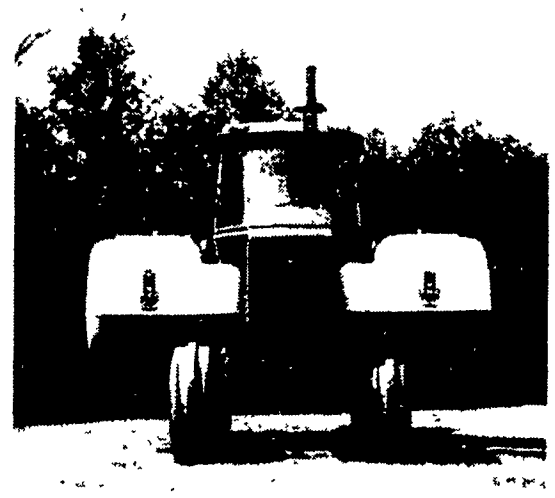


Self levelling booms are equipped with a unique device that stabilizes the boom on rough ground, significantly reducing whipping, ensuring vastly improved chemical application accuracy with the elimination of boom bounce.

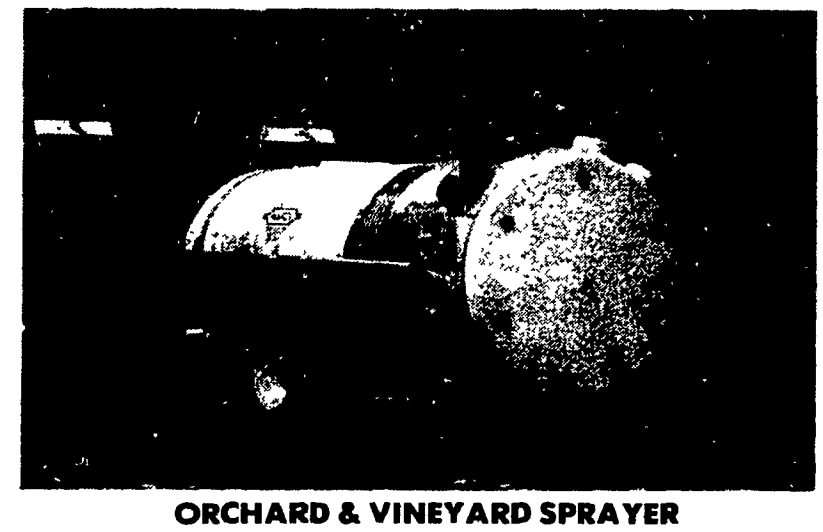


TRUCK SKID MOUNT SPRAYER

COMBI SPRAYER For Trees & Vegetable Crops



TRACTOR SIDE MOUNT SPRAYER



ORCHARD & VINEYARD SPRAYER

MF Massey Ferguson

FIELD QUEEN FORAGE HARVESTERS

GOOD USED EQUIPMENT

Tractors
AC D17
MF 165
MF 285
MF 1080
Farmall 450 diesel
MF 1130
Farmall 400 gas
MF 2705 cab, 700 hrs.
MF 1150 w/cab
Oliver 77 Diesel
Farmall M

Loaders
Gehl HL 3510
Gehl HL 2600
Gehl HL 4400
Gehl HL 4400 Diesel
Gehl HL 4600
Sauder to fit JD 2010
MF 235 to fit 180
Kelly 600 to fit 165 and 175
Loader Farmal M
NI to fit JD

Plows
MF 880 6F-16"
Oliver 3 pt. 4F-16"
JD 3F-14" trail

Spreaders
Gehl 250
Starline 950 left hand hyd. lids - good
Martin Scavenger, 1263
NI 244, good Starline 830, right hand

Corn Planters
JD 7000 4rw. 30"
MF 468 4rw.

NEW EQUIPMENT

Hesston 6550, 12' cab, air
Kinze 6 rw. 30"
Hesston 6450, 12' cab, air
Field Queen 7650

Longenecker's, Inc.
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814-793-3731

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Open Thursday And Friday Until 9 P.M.

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FARM EQUIPMENT | FARM EQUIPMENT | FARM EQUIPMENT

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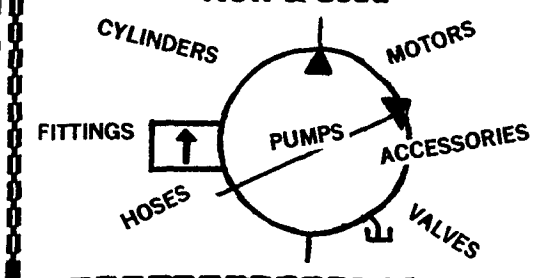
New & Used



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- 3x8 Hyd. Cylinders ..... $49 ea.
- 4 Way Cylinder Valves ..... $49 ea.

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This Week's Special

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SALE $1,950

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3,000 gal. liquid manure tank
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Bedding Chopper for Mulching
Persuader Pump agitator for Lagoons
Handy High Pressure Washers
Oswalt Mix Wagons
Grain Drill with band seeder
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Registered Holstein Bulls

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Ph: 717-299-2536

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Hayes in-lines	$1.65
4000' wire, 12½ G.	$62.00
FW2-3 crimps	$7.95
Springs	$2.95
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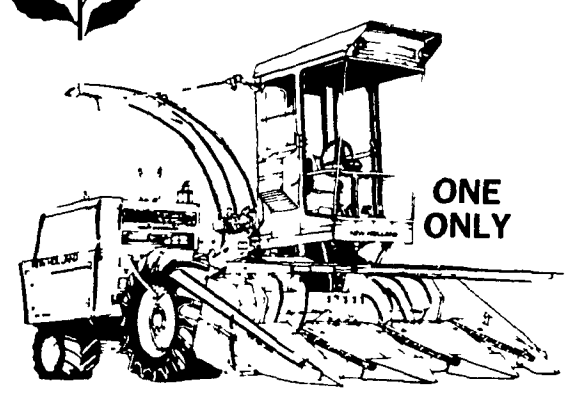
JD 6620
Sidehill
(Used One
Year)
Cab w/Air
Hydrostatic
Drive
Like New!
$52,000
JD 643 Corn
Head
6 Row (Mint)
$10,000

717-463-2394

June is dairy month

JUNE DAIRY MONTH SPECIALS

June is dairy month



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LEFTOVER MODEL CLOSEOUT

NEW HOLLAND 1895 HARVESTER
w/Metal Detector, Power Rear Wheel Drive

Many options, and accessories. 4 Row narrow Corn Head and Hay Pickup. Call for Price And Details of Special Finance Programs Available.

$1200 Spring Spree Bonus Plus Your Choice Of "Winner's Choice" Deal

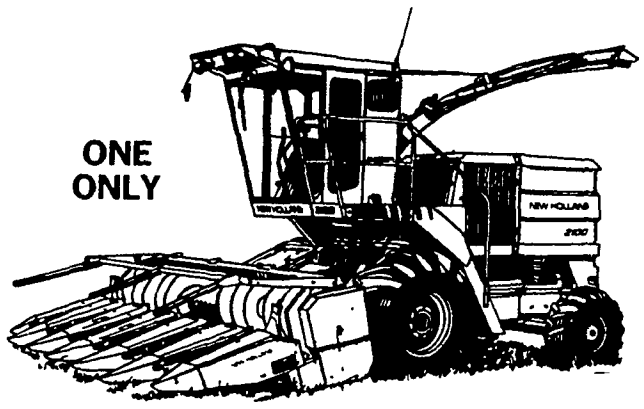
---

SPECIAL PRICED DEMONSTRATOR

Whopper Chopper.

MODEL 2100 FORAGE HARVESTER

ONE ONLY

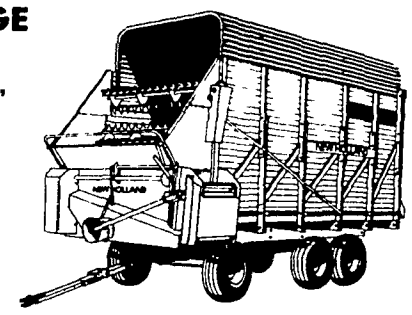


The Sperry New Holland Model 2100 forage harvester features a 325-hp turbocharged six-cylinder Diesel engine. The 30-inch wide by 24-inch diameter 12-knife cutterhead features: exclusive underbeveled knives that never need rebeveling, exclusive METALERT™ electronic metal detector to prevent harvester damage, and exclusive flip-up feedroll and hinged shielding for easy access The "2100" can be ordered with a six-row cornhead or 14-ft sicklebar —both the largest in the industry The Whopper Chopper is designed and constructed for the ultimate in capacity and durability.

$1200 Spring Spree Bonus Plus Your Choice Of "Winner's Choice" Deal

Standard Equipment & Features:
Auto Steering; Tapered Roller Bearings; Front Spindles 2" Reinforced; Rear Spindles 1¾", Tread Width 72"; One-piece 1" Dia. Tie Rod; Box Supports Adjustable for 38" & 42" Wide Beds; Tubular Reach with 25° Oscillation in Either Direction; Adjustable Wheelbase 8' to 11' (6" Increments); Towing Hitch for Towing Second Wagon.

NH #8 FORAGE BOX
w/Extension Sides, 3 Beater & Roof
$5250



NH #8 FORAGE BOX
w/High Sides
(One Only)
ONLY $4750

Standard Equipment & Features: Front and Rear Unloading; Worm Gear Drive; Variable Speed Control; Four Strand Steel Link Chains on Main Apron; Two Front End Beaters (Third Optional); Wood Box; Apron Drive-Shear Bolt Protected, Safety Shutoff; Ca 550 Roller Chain on Cross Conveyor

---

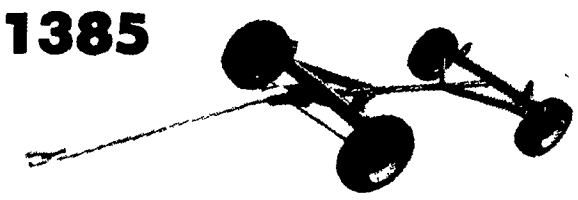
NH 238 12 TON RUNNING GEAR
w/12.5x15 Tires

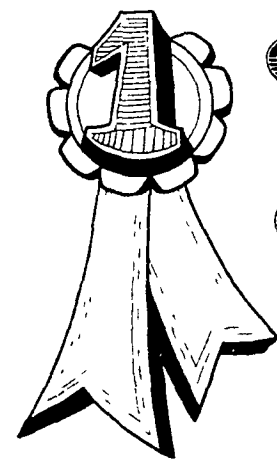
$2300

Standard Equipment & Features:
Rear Towing Hitch; Tubular Reach with 25° Oscillation in Either Direction, 1" Dia. Tie Rod; Spindles - 2" Reinforced, Rear Wheel Beams Oscillate Independently; Tread Width 73"; Adjustable Wheelbase 8' to 11' (6" Increments)

NH 234 8 TON RUNNING GEAR
w/11Lx15 Tires

$1385





YOU'RE a WINNER

We're giving "Winner's Choice" deals and you're the winner! You can't lose. Here's your chance to buy qualified Sperry New Holland equipment at astonishing annual percentage rates. Or choose Free Finance. Either way—you're a winner!

HERE'S THE "WINNER'S CHOICE" DEAL
on haytools, forage equipment, loaders, manure spreaders, grinder-mixers and tub grinders

3% A.P.R.
on a one-year installment contract.

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on a two-year installment contract

9% A.P.R.
on a three-year installment contract

OR

FREE FINANCE
until April 1, 1984 on hay and forage equipment. Until use date on spreaders, grinder-mixers and tub grinders.

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SPECIAL OF THE MONTH
JD 450 Hydro Push Spreader w/ Upper Beater &Hydraulic Endgate

NEW TRACTORS

JD 650
JD 750 MFWD
JD 1050 MFWD
JD 1250 MFWD
JD 2350
JD 2950 SGB, MFWD
JD 4250 SGB, PS

NEW MACHINERY

JD 1250 Plow 3-16"
JD 1250 Plow 4-18"
JD 2600 Plow 5-18"
JD 950 12 ft. Roller Harrow
JD 7000 Cons. Planters 4 & 6 rows
JD 1209 Mower Conditioner
JD 1326 Mower Conditioner
JD 327 Baler w/30 Ejector
JD 714A Forage Wagon
JD 6500 Blower
JD 66 Blower
JD 445 Spreader
JD 450 Hydro-push Spreader
JD 670 Rake

USED MACHINERY

IH Model B414 Diesel Tractor w/Kelly Loader
Case 1537 Skidsteer Loader
IH 13x7 disc grain drill w/grass seed attachment
MF 260 Harvester w/2RN p-up
MF 620 12' Disc w/Cushion Gang
Hesston 1090 9' Haybine
IH 2 R Planter
IH 7' Cycle Bar Mower
12" Post Hole Digger
8' Servis Rear Blade

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MF Massey Ferguson

NEW EQUIPMENT IN STOCK

MF 540 diesel combine
MF 860 diesel combine hydro
MF 1144 corn head
MF 1163 corn head
MF 15' table w/floating cutterbar
MF 13' U-II reel
MF 15' U-II reel
MF 22 bale thrower
Vicon mower conditioners
Vicon fertilizer spreaders
Pequea hay tedders
McConnell forage wagon
Beaver III four wheel drive tractor
Woods mowers
Vicon 4 and 5 wheel rakes

USED EQUIPMENT

Ford 9600 tractor
MF 2675 tractor less than 500 hours
MF 1455 garden tractor
MF 285 diesel tractor
MF 760 combine w/6 row corn head & 16' grain table
MF 510 combine
MF 300 gas combine w/2 row corn head & 13' grain head
MF 44 corn head
MF 1143 corn head
Brady chisel plow
MF 1978 industrial 30 B tractor w/ROPS & loader and 3 pt.
Vicon mower conditioner
NH 479 haybine
Hesston PT 10 haybine
MF 81 haybine
MF 10 baler
NH 275 baler
NH 285 baler

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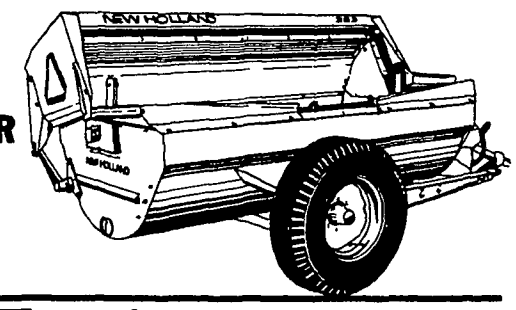
NEW EQUIPMENT IN STOCK

NEW HOLLAND MODEL 363 TANK SPREADER
$4,595



WHITE FARM EQUIPMENT

WHITE 2-55 Tractor
WHITE 2-65, 2&4 Wheel Drive
WHITE 2-75 Tractor
WHITE 2-85 Tractor
WHITE 2-88 Tractor
WHITE 2-105 Tractor
WHITE 2-110 Tractor
WHITE 2-135 Tractor
WHITE 543, 4 & 6R Planter, No Till
WHITE 5100, 4 & 6R Planter, No Till
WHITE 254 10' 4" Disc
WHITE 348 SAR Plow
WHITE 508 SAR Plow
WHITE 466 Chisel Plow
WHITE 285 Field Cultivator

SPERRY

NEW HOLLAND

NH L425 Loader
NH 707, 718, 782, 892 Harvesters
NH 310, 311 & 315 Balers
NH 847 Round Baler
NH 80 Bale Mover
NH 488, 489 & 1495 Haybines
NH 256 & 258 Rakes
NH 38 Crop Chopper
NH 28 & 30 Blowers
NH No. 8 Forage Box
NH 513, 519, 679 Spreaders
NH 363 Tank Spreader
NH TR75 Combine

KUBOTA

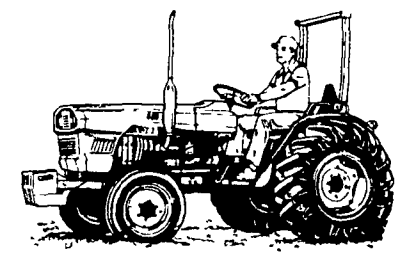
SPECIALS...

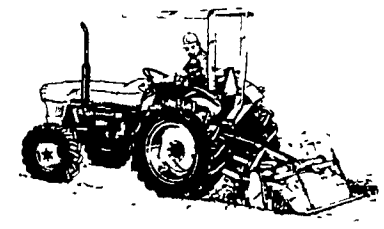
B-8200
4 Wheel Drive $5,500

L-235
4 Wheel Drive $5,800

L-305
4 Wheel Drive $8,500

L-345
4 Wheel Drive
with Loader . $11,500





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Soil Saver

USED EQUIPMENT

HAYTOOLS

NH 268 Baler w/Thrower
NH 68 Baler w/Thrower
Oliver 620 Baler w/Thrower
NH 469 Haybine
Gehl 880 Mower Conditioner

CORNPICKERS

IHC 2 MH Cornpicker

FORAGE TOOLS

NH Super 717 w/1-Row
NH 707 3 pt. Harvester w/1-Row
JD 15A Crop Chopper

TRACTORS

Oliver 1755 w/Cab
MF 175 w/Loader

SPREADERS

NI 212 Spreader
NH 367 Tank Spreader, LH

TILLAGE - PLANTING

White 5400 Planter
JD 1240 4-Row w/Monitor
IHC 550 5-16 Plow
Oliver 348 3-16 CT Plow
Ford 3-16 Plow
White 466 8 Ft. Trail Chisel Plow

COMPACT TRACTORS

Kubota B6000 E w/Woods RM 59 Mower
Farmall Cub Lo-Boy

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- NEW IDEA #603, 14'x4', 2 beater CASE gear - $895
- JD #115, 3 beater, roof, 10 ton gear — $1800
- NH #8 16'x6', 3 beater, roof, pintle apron, on JD 12 ton tandem gear - A1 — $4400

SPRING SPECIALS

Farmhand 851 grinder mixer $2900

New Holland 371 flail spreader $2200

Case 1830 Uniloader Excellent Condition
$6500

1845 G Uniloader
$9900

Bush Hog 12' offset disk
$6300

Gehl FB99 Forage Blower
$895

USED EQUIPMENT

TRACTORS

'79 Case 1210 p.s.
AC 7080 Cab-Air-Heat
Case 1370 Cab-Air-Heat 24.5x32 Radio
Case 1090 18.4x38 (New) Power Shift
Case 1170 Cab-Heat 8 Spd. 20.8x38
Case 900 w/Pulley
Case 2090 Cab

LOADERS

Uni Loader Broom
Mustang 330
1845 G

NEW IDEA

206 Spreaders
325/314 Picker Sheller
323 Pickers
214 Spreader
218 Spreader

FORAGE

JD 65 Blower
Stauffer Forage Box
Fox HA Harvester
JD 3800 Harvester
Hesston Blower
JD 115 Forage Box
AC 720 Harvester

MISCELLANEOUS

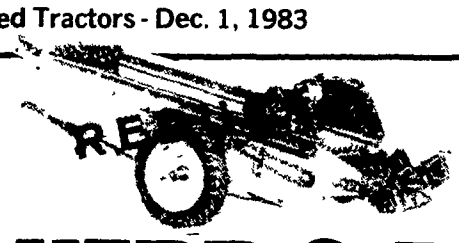
Case 12' Disc Harrow
NH 371 Flail Spreader
Case Auger Elevator
Wetmore 878 Grinder Mixer
Bush Hog 12 disc

UNI-SYSTEM

710 Combine
743 N Head
702 G Power Unit
702 D Power Unit
767 Harvester
738 4RN Head

Waiver of Finance - Used Tractors - Dec. 1, 1983

206 GROUND DRIVE SPREADERS IN STOCK



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1978 JD 6600 Diesel w/Hydro., Air Conditioning AM-FM, Very Sharp, 1480 Hrs.
1975 JD 4400 Diesel w/Hydro., Air and AM-FM, Sharp, 925 Hrs.

JD 4430 factory cab & air, 38" rubber, quad. range, good clean tractor
JD 4020 WF, year around cab, fully equipped
JD 4320 w/factory cab, 38" rubber fully equipped
JD 4010 Diesel, wide front
JD 4520, syncro. range, factory cab, quick hitch, diff lock, dual hyd. (also has 4620 after cooler up date kit)
JD 730 Diesel, elec. start, wide front, 3 pt
IH 1086 79 model cab & air, fully equipped, super sharp
IH 986 79 model, cab & air, diff. lock, sharp
IH 826 German Diesel, fast hitch, WF, nice original tractor
IH 1456 w/cab, duals & weights, solid tractor
IH 1066 factory red cab and air, new TA and clutch.
IH 856 D
IH 706 Diesel, good tractor
IH 826 German Diesel, new TA
IH 504 gas, WF
IH M Farmall
AC 200 w/yr round cab, dual PTO & hydraulics 18 4-38 rubber, 1700 hrs., sharp, local tractor
AC 5040, like new, 145 hrs
AC D15 w/ps, WF, 3 pt hitch
MF 85 Diesel, good rubber, 3 pt
NI 702 Diesel w/710 combine and 711 grain head
MF 300 combine, quick tach w/2 heads
IH 400 Cyclo planter, 4 row narrow w/dry fertilizer and Gandy boxes, good cond., $1000
Dunham Lehr 6 row cultivators
Bush Hog mounted chisel, 3 bar
IH factory red cab w/air to fit 966, 1066, & 1466
IH & JD cabs (used)

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Evenings 717-786-4899

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JD 2950 MFHH
JD 4240
JD 4050
JD 4250
JD 4450
JD 2440
JD 4240 QR, SG Body — $35,000
JD 125 Ski Steer Loader, Dsl. 14 cu. ft. bucket 65" — $14,500
JD 6620 Side Hill Combine
JD 7720 Combine

NEW MACHINERY

JD 445 Spreaders
JD 115 11' Disc
JD 315 13' Disc
JD 1219 Mower Conditioner
JD 660 Rakes w/rubber teeth
JD 3940 Fg Harvester
JD 714 & 716 Forage Wagons Running Gears
JD 2600 5Bx18" Plow
JD 1250 Plow 3Bx16" — $1800 N/T
JD 1250 Plow 4Bx16" — $2450.95
JD 2700 6Bx18" Plow
JD 7000 Conservation Corn Planters 6R
JD 16x10 FF Drill — $4000
JD 8300 18x7 FF Drill
JD 327 Baler w/ejector

USED MACHINERY

JD 6600 Combine, 13' grain head, 444 corn head — $29,000
1981 White Combine 7300 w/704N 4 Row Corn Head — $25,000
Ford 6600 Tractor, 600 Hrs. — $12,000
JD 400 Tractor Model 1981 w/60 mower — $4,800
1-Yazoo Tractor and Mower Model 35 — $2800
2-105 White Tractor — $14,500
MF 175D Tractor — $7,500
JD 60 Skid Steer Loader
JD 90 Skid Steer Loader — $7,500
2-18x4x30-8 Ply Tires and wheels for Gleaner Combine — $500
JD 800 SP Windrower — $3,000
JD 1500 Power Till Seeder — $3,000
(2) Gehl Wagons, Tandem Axle w/440 bu. McCurdy btm. — $2,500 each

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JD Agricultural Dealer and CP

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★ USED EQUIPMENT SPECIALS ★

USED TRACTORS

Case 885 w/loader
Case 930
Case 1070
Case 1030
JD 3010
MF 1085

USED SKID STEER

Gehl 2600
Gehl 3000
Gehl 4500 (1979)
Case 1740
Case 1830
Case 1845
Case 1845 (1979) Exc. Cond.

USED WINDROWERS

Hesston 420
Hes[SOLD]1014
Case 1275 Self Propelled
(2) Case 555's
PT10
Owatonna 230 Windrower
IH 225 Self Propelled

USED BLOWERS

IH 56
Fox Blower
NH 27
(2) Gehl 99
Oliver (Kools)

WAGONS

(2) Grove Wagons w/Hyd. Drive, 16'
Grove Wagon, 2 Beater, 14'

USED HARVESTERS

Gehl 3 Row Narrow Cornhead
(2) Gehl CB600's
Gehl CB700
Gehl CT300
Hesston 2000
Fox Super 1000
JD 3800

USED PLOWS

Ford 5-Bot. Semi Mtd. Plow
Case 308 3-Bot. Semi-Mtd. Plow (New)

USED BALERS

Hesston 5600 Round Baler
Gehl 1400 Round Baler
Gehl Bale Mover
Case 230 Conventional Baler w/kicker

UTILITY CRAWLERS

Case 750 Loader
JD 350 Track Loader

MISCELLANEOUS

Case 580 Backhoe
Sauder Loader For 8N
Cagle 500 Sprayer w/Monitor And Foam Marker
187 Hawk Bilt Spreader
5' Sidewinder Mower (New)

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TRACTORS

JD 4320D[SOLD]ab
JD 4020 Dsl., WF, side console, power shift
JD 2840 540 hrs., Very Nice
JD 2640 Dsl. Fully Equipped
IH 1086D Cab and Air, 1500 hrs., 20x38 Tires, Very Nice
IH 1566 Dsl. Cab & Air, 20x38 Tires, very nice
IH 1066 Dsl., Cab, Air, Black Stripe, Very Nice
IH 240 WF Utility w/power steering
MF Super 90 WFE
Oliver 185[SOLD]s, WF, very nice
JD 2020 Gas w/direction reverser and 48 loader, very clean
JD 1520 Gas Hi-Lo and Ind. PTO

DISCS

JD BWF 16' wing Rock- Flex
JD BWA 11'6"

BALERS

NH 276 w/throw[SOLD]e new
JD 336 W[SOLD]
JD 346 Twine w/thrower, very good

CORN HEADS

MF 24, 33, 43, 44
AC KF330, A330, F335
JD 243, 244, 343, 443, 444, 643
IHC 843, 227

HARVESTERS

JD 3960 w/2RN Head JD 3800 w/2RN Head Gehl 1000 w/2RN Head and Pickup
NH 770 w/2R Head and Wide Pickup

SPECIAL
NH 1049 Self Propelled BALE WAGON w/cab
160 bale capacity
Very Good

CORN PICKERS

JD 300 Husker, 2 or 3 row head, wide or narrow
NI 324 2 row[SOLD], 12 roll bed
NI 325 2 row narrow w/super sheller
NI 323 1 row
NI 324 2 RW w/super sheller, very nice

PLOWS -SEMI-MOUNTED

JD F145 4 & 5x16
IH 530 3x16, Very Good
IH 710 5x16
White 549 5x16
IH 540 4x16 w/cylinder
MF 3x14 3 pt. hookup
IH 140 4x16 roll over 3 pt.
IH 720 5x18 sp. reset
IH 720 4x18 sp. reset

PLOWS -AUTOMATIC

IH 710 6x16 Spr. Reset
IH 710 5x16 Spr. Reset
IH 710 4x16 Spr. Reset
JD 2500 5x18 on Land Hitch
JD 2500 5x18 Sp. Reset

COMBINES

IH 1460 Axial-Flo, Cab and Air, 13' Platform, very nice
1980 NH TR70 cab and air, hydro 3208 cat dsl. 700 hrs., like new w/15' Flex Grain Platform
1980 JD 6620 Dsl., Cab, Air, Reverse Feeder House, 500 hrs. excellent
1979 Gleaner KII w/Cab, 900 hrs., like new
1979 JD 4400 Diesel, cab and air, 700 hrs., like new
JD 3300 Gas w/cab, choice of heads, very nice
MF 510 Dsl. w/cab, Very Good, Choice of Heads
1978 MF 510D cab & air, very nice, choice of heads
1978 JD 4400D cab & air, 640 h[SOLD]ke new, choice of heads
MF 410 Gas, Cab and Air, 11' grain table
JD 45 w/cab 10' platform and pickup reel
IH 82 Pull Type, like new

GOOD SELECTION OF GRAIN PLATFORMS AND CORN HEADS TO FIT MOST COMBINES

BALE WIRE
(6500)
$36.50 per carton
$35.00 18 cartons or more

BALER TWINE
9,000 Ft.
$21.00 per bale

MISCELLANEOUS EQUIPMENT

JD 1209 Mower Cond., very nice, late model
IH 4R Cultivator, Rear Mtd.
JD RM 6 Row Cultivators
JD 609 3 pt. Hitch Rotary Mower
Brillion 10' Transport Alfalfa Seeder w/Double Seed Box
Glenco 7 tooth soil saver
JD 2280 Dsl. windro[SOLD]4' platform, 38 hrs.
JD 213 Flex Platform
JD RG 4R cultivator w/double spring teeth
Bush Hog 8' Heavy Duty 3 pt. Blade
JD Roll Guard Cab to fit 3010 thru 4320

FARM EQUIPMENT FARM EQUIPMENT FARM EQUIPMENT FARM EQUIPMENT FARM EQUIPMENT

TORQUE AMPLIFIER, CLUTCH & TRANSMISSION PARTS & SERVICE

Complete TA assemblies for 706-1586 are priced at $595 and come with a Dana Co. Heavy Duty Sprag instead of the usual IH sprag **The Dana sprag is guaranteed for 2 years against failure.** Sprag kits (includes sprag gear, Dana sprag, and piston carrier) and all items for rebuilding your own TA are available to qualified persons Ramps and carriers for the older style TA's (as in SMTA, 340, 560) are priced at $150 each and carry a 90 day guarantee We have all the parts needed to rebuild your TA in stock at prices that will save you money We also have a shop available for complete TA installation Or, you may split your own tractor and bring the center housing to us, which we can rebuild while you wait (approx. 4-6 hrs) We also stock New and Rebuilt Water Pumps, Dynlife Clutches, Pressure Plates, and PTO Drive Gears, (Spline-fit into pressure plates) for most IH tractors and combines

— INTRODUCTORY LISTING OF NEW ACCESSORIES —

Easy-Shift Trans-Brake Control - fits 06, 56, 66, 86 and 2+2 tractors Eliminates grinding, eases hard shifting, reduces wear, and installs easily in approx ½ hour. Will work on tractors with or without TA Priced at $189, shipping included.

New 3 pt. Hitch assemblies - Now available for SMTA, 400, 450, 560, 544-656, 666, Hydro 70, 706-806, 1206, 56, 66, 86 & 2+2 tractors Also available for cat II & III models Prices start at $450

Drawbars - O.E.M replacement Fits 06, 56, 66 & 86 tractors Standard - $125, Telescoping - $200. Center extension available for $85

Top-Link Anchor Bracket - with oil fill & dipstick Eliminates pouring oil through cab & platform Available for cat II & III tractors Priced at $90 and $100

Front Weight Brackets - For IH suitcase weights, fits 06, 56, 66 & 86 tractors 10 wt capacity - $90, 12 wt - $100, 16 wt. - $125, spacer blocks - $18

— USED PARTS —

We buy and sell used parts and parts tractors We have a good selection of quality used parts at competitive prices Please have part no when calling, if possible

Selling parts from the following:

Tractors - IH 1066, 806, 756, 706G, 656D, 660D, 460, 450D, 340, 350, 300, M, SM, H, W-D9c, W-6 & A JD 520, 4020, 3010, 2020D, 60, A, B, Oliver 1650 G.
Combines - IH 203, 303, 815-D, 407, JD 30 & 55, MF 35, MF 510 G Quick Tach, Uni- 701, 702 & 705 tractors, also 710 combines & 727 & 737 huskers

Dealer Inquiries Welcome

J. EDWARD LEAMAN
Rt 1 Box 474
Willow Street, PA 17584
717-464-2874

USED TRACTORS

JD 4630, cab, air, power shift, exc. cond.
JD 4430, cab, air, quad range trans.
JD 4230, no cab, synchro range
JD 4320, cab
JD 4320, no cab
JD 4520, new tires
JD 4020, side console
JD 4020
JD 4020, power shift
JD 2020 diesel
JD 3020 gas
JD 3010 gas
JD 4010 diesel w/year-round cab
JD 720 diesel electric start
JD 3020 diesel, power shift
IH 966, cab and air
IH 766, like new
IH 1466 w/cab
IH 1256 w/cab
IH 706 w/German diesel
IH 806 diesel
IH 656 wide front
Ford 5000 diesel, late model
AC 5040 diesel, PS, 3 pt. hitch
AC 210 diesel
White 4-180 w/duals, quick coupler, used 2000 hours.

USED COMBINES

JD 7700 diesel w/6 row corn head
JD 55 corn special
Oliver 525 w/2 heads, exc. cond.
NI 702 tractor w/710 combine

USED PLANTERS

JD 7000 conservation, 6 row, dry fertilizer, monitor, used on 500 acres
JD 494A
White 5400 air planter w/no-till attachment

USED HARVESTERS

JD 5200 w/cab and air, used 1500 hours
Fox 3000 w/3 row corn head
Fox 2000
Fox Custom 90
NH 770 w/2 heads

MISCELLANEOUS

1970 IH 1800 truck w/14' grain body & hoist, exc. cond.
Gehl 65 feed grinder
JD power till grain drill
IH 510 grain drill
IH Bigroll baler
JD 346 wire baler w/thrower
NH 278 baler
Keewanne 20' hydraulic fold disc
Keewanne 20' hydraulic fold mulcher
JD 21' hydraulic fold disc
Large selection of smaller discs
Large selection of plows from 3 to 7 bottom
NH 467 haybine
Gehl 2600 skid steer loader, used 800 hours
Gehl 9' haybine, like new
NH 469 haybine
New Farmhand loaders for IH and JD tractors

D & R EQUIPMENT INC.
Ringoes, New Jersey (201) 782-5082

VERMEER HEDLUND MARTIN INC. Vicon

NEW EQUIPMENT

- Vermeer 504H Baler
- Vermeer & Scranton Bale Movers
- (2) Vicon SOLD el 3 pt. Hitch Rakes
- (1) Vicon SOLD el Rake
- (1) Vicon SOLD . Spreader
- (1) Vicon SOLD . Spreader
- (1) Vicon 1900 lb. Fert. Spreader
- (1) Vicon 15' Power Harrow
- (1) Vicon RP 1200 Round Baler
- (1) Vicon SP450 Square Baler
- (1) Vicon 8' Mower Conditioner
- (2) Vicon I SOLD 10'6" Mower Conditioner
- (1) RC 330 Tedder Rake
- Haybuster 1068 Semi-Mounted No-Till Drill
- Martin 1263 Scavenger II Spreader

USED EQUIPMENT

- Vicon 10' Power Harrow
- Brady Flail Shredder
- Farm System Flail Spreader, Left Side Loading
- Hesston 12' Hydro Swing Haybine

RED WING FARMS
R.D. #1, FLEETWOOD, PA. 19522
NEW PHONE NUMBER: 215-944-0402

USED EQUIPMENT

TRACTORS

JD 4240 w/cab, 400 hours $29,000
JD 4040 power shift $19,000
JD 3020G PS. $5900
JD A. $1200
IH 1086 w/cab 1180 hrs. $18,500
MF 1085 Dsl. $8900
MF 1080 Diesel $5900

SPECIAL PRICES ON COMBINES

1982 JD 6620 Side Hill w/2 heads $75,000
1977 MF 750, 1700 hrs. 2 heads $30,000
1978 JD 6600 Sidehill $43,750
1979 JD 6620 Sidehill $59,900
1980 MF 760 338 hrs. w/2 heads $56,000
JD 45 w/2 heads $8900

TILLAGE

JD 1450 5x16 Plow $2900
JD 145 5x16 Plow $1550
JD 1010 13' PT Field Cult. w/Tine Attch. $2800
JD 950 12' Roller Harrow $2700
JD 950 10' Roller Harrow $1900

PLANTERS

JD 6 Row 7000 Conserv. w/Liquid Fert. $8000
JD 6 Row 7000 Consev. Dry Fert. $7500
JD 4 Row 7000 Dry Fert. $5900
White 5400 4 Row $3600
MF 468 4 Row $950
MF 468 6 Row $1850

MISCELLANEOUS

JD 350 Mower $1350
JD 750 Grinder Mixer $4100

BLUE

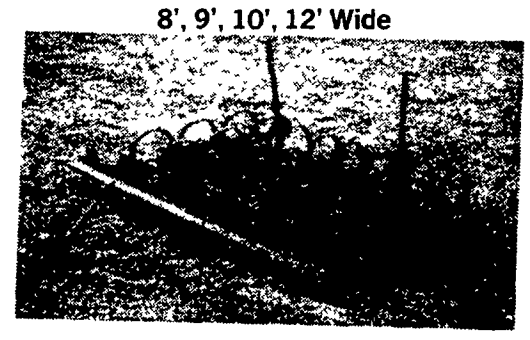
NEW JOHN BLUE L-13040 500 Gallon Ground Driven PUMP SPRAYER
SPECIAL
$5,995.00

JOHN DEERE

TOBIAS EQUIPMENT CO., INC.
Halifax, PA 17032
Phone: 717-362-3132

Little Britain Harrows

8', 9', 10', 12' Wide



AUTO TURN CARTS

- JD Spring Harrow Parts
- We Rebuild Mc and JD Ground Drive Grass Mowers
- We Have Mc #9 Mower Here Rebuilt, Ready To Go.

For Information on Delivery Write

Little Britain Welding Shop
RD #2, Box 218
Nottingham, PA 19362
215-932-3141 before 7 AM or after 7 PM

JOHN DEERE *Nothing runs like a Deere*

SPECIAL OF THE WEEK
JD 2940 Tractor w/Sound Guard Body.
JD Bonus and Waiver of Finance Till March 1, 1984
JD 2940 Tractor, SGB

USED TRACTORS
JD 4430 4 Post, RG, QR
JD 4230 QR, RG
JD 3020D
JD 3010
JD 720D
Farmall A w/Hyd. Lift

USED CORNPLANTERS
JD 1240
JD 1260 w/monitor
JD 7000 6RN Cons.
JD 7000 6RN w/min. till attach.
White 5400 6RN Plateless

USED COMBINES
JD 6600 Combine w/Grain Platform & 4RN Corn Head

USED HAY & FORAGE EQUIPMENT
Fox 2200 Fg. Harv. w/2 heads
NH 3RN Corn Head
NH 1002 Bale Wagon
JD 336 Baler w/thrower
NH 271 & 269 Balers w/Throwers
JD 24T Baler
Hesston 1010 Swing Tongue
NH #33 Crop Chopper
NH 27 Blower

MISCELLANEOUS
Oliver Fertilizer Spreader
15 HP 3 phase elec. Grain Dryer Motor
15 KW Standby Generator
MF Grain Drill

NEW MISCELLANEOUS
JD 335 Skid Sprayer
Most Model JD Loaders & Blades
Demco Sprayer 600 gal.

NEW TRACTORS
JD 2950 SG, MFWD
JD 4050 SG, PS
JD 2940 SG
JD 300B Loader & Backhoe

NEW HAY & FORAGE EQUIPMENT
NH 718, 782, 892 Fg. Harvesters
JD 3940 & 3960 Fg. Harvester
JD 506 Gyamor Mower
JD 327 Baler
NH 311 & 316 Balers
NH 488, 489, 495 & 1495 Haybines
NH 256 Rake
JD 670 Rake
JD 660 Rake
H&S Fg. Wagon
H&S Bale Wagon
New Hay Tedders
Kuhn 10' Disc/Mower Conditioner

NEW PLANTERS
JD 7000 6 Row Consv.

NEW TILLAGE
JD 950 Roller Harrow
JD 2600 4B Plow
JD 215 Dura-Cushion Disc Harrow
Haybuster No-Til Drill Also for Rent

NEW SKID STEER LOADERS
NH 445, 555

NEW SPREADERS
NH 519
Martin 2400 V Type & F1466 Scavengers
H&S 260 & 295 Spreaders

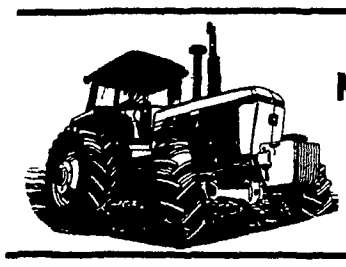
NEW DRILLS
JD 8200 18x7
JD 8250 14x7

NH Waiver of finance or 3%, 6% and 9% finance.
Check on John Deere waiver of finance on most items.

CLUGSTON IMPLEMENT, Inc.
1 Block off I-81 Exit 8
Chambersburg, PA 17201
Phone: 717-263-4103

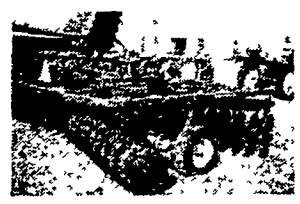
bobcat SPERRY NEW HOLLAND

JOHN DEERE DESIGN, DEPENDABILITY AND DEALERS MAKE THE DIFFERENCE



NEW JOHN DEERE 50 SERIES TRACTOR
4250 w/Caster/Action™, MF WD
P. Shift, Trans., Demo., Low Hours
CALL FOR SPECIAL PRICE

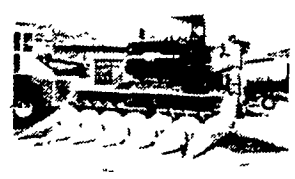
CHECK THESE SPECIALS — CALL RIGHT AFTER 7 A.M. FOR INFORMATION & PRICE NEW EQUIPMENT SPECIALS



JOHN DEERE 215 DISK HARROW
36 Bl, 9" Spac, 22" Dia. Bl,
12 Ft. 12 In. Cut.
$5,200

JOHN DEERE 2040 RU DSL TRACTOR
Collar Shift, Single Hyd. Outlet,
P/A Whls. 14.9-28,
Swept Back Front Axle
Excellent **$9,500**

JOHN DEERE 230 WING FOLD DISK HARROW
21' 4" w/Cushion Gang
$10,150



MASSEY FERGUSON 750 COMBINE
w/12' Platform
Excellent **$42,500**
1163 6R CORN HEAD
Excellent **$9,500**

WHITE 2-135 DSL TRACTOR
Cab w/Air - Htr., 500 Hrs.
Triple Remote
20.8-38
Excellent **$25,900**

JOHN DEERE 5400 S-P HARVESTER
Cab w/Air - Htr.
18.4-26, 8 P Drive T.
1100-16- 6P Steering T.
212 HP, 1600 Hrs.
Excellent **$27,500**

Plus Pick-A-Team Bonuses

Now you can replace any worn-out or fully depreciated hay or forage tool with a high-performance John Deere tool - and do it without a big cash outlay. Get our super deal on whatever tool you need - (except rakes, mowers, or 27 Shredder). Then finance it with John Deere and finance charges will be waived to April 1, 1984.* You'll put up your 1983 crop with more efficiency...you'll get investment credit and depreciation against 1983 income...yet you'll pay no finance charge until April, 1984!

On top of that, if the tool you buy is included in the list below you'll qualify for the 1983 John Deere Money bonus indicated. And get a certificate qualifying you for the Pick-A-Team Double Bonus when you make your second machine purchase from the list by April 30, 1984. (To qualify, one purchase must be a John Deere mower/conditioner.) Don't delay: these offers can be withdrawn at any time.

First Machine Purchase of a	Qualifies for 1983 John Deere Money Bonus of	Second Machine Purchase by April 30, 1984	Qualifies for Total Pick A Team Bonus of
Mower/Conditioner	$400	Square or Round Baler	$1 400
Mower/Conditioner	$400	3940/3960 Forage Harvester	$1 600
Square or Round Baler 3940/3960 Forage Harvester	$300 $400	Mower/Conditioner Mower/Conditioner	$1 400 $1 600

*Availability of John Deere financing plans subject to approval of credit These offers may be reduced in value or withdrawn at any time

OUR SELECTION OF NEW MACHINES IN STOCK

3940 Forage Harvester
3960 Forage Harvester
327 Baler w/30 Ejector
430 Round Baler

USED HAY & FORAGE TOOLS

- JD 125 Forage Wagon, hi sides, 3rd btr, JD 1065 gear
- NH #8 Forage Wagon, hi sides, roof, 3rd btr, JD 1275 gear
- NH 268 Baler w/ejector
- JD 5400 S-P Forage Harvester, cab w/air/htr.
- JD 3800 Forage Harvester, 1000 pto, long tongue
- JD 35 Forage Harvester
- JD 12-14 Hydra Swing Mower Conditioner
- JD 1209 Mower Conditioner
- Hesston PT10 Mower Conditioner
- JD 8' mower bar attach.
- JD #10 side mtd. mower, 3010 h-up.
- JD 640 hay rake
- NI Uni 766 Hay Pick Up Att.
- NI Uni 767 Forage Harvester - Parts Salvage

Now - Finance to Jan. 1, 1984
All New New Idea Spreaders
Interest Free - N.I.C.C.
Call For Details

NI 206 SPREADERS NEW IDEA 95 BU. GROUND DRIVEN SPREADERS

206 New Idea Spreader Available With or Without Steel Wheels With or Without Endgate Att.

SAVE NOW ON THE USED TRACTOR OF YOUR CHOICE

GET A GREAT DEAL ON THE POWER SIZE YOU NEED PLUS A SPECIAL FINANCE WAIVER

Need some extra horsepower to get you through the busy season? If you buy a used tractor now, you'll save two ways. Besides great deals, we're offering a special finance waiver on most of our used tractors. See us for details.

We have a good selection to choose from, so come in and take a look.

Note: Dealer contribution may affect customer price

OUR SELECTION OF USED TRACTORS

- JD 4240 SGB, Q/R, Dual Wheels
- JD 2940 Dsl, TSS Hi-Lo Trans.
- JD 2040 Dsl, P/A Whls, low hrs.
- JD 2630 Dsl, Row crop util.
- JD 2030 Dsl, Hi-Lo Trans.
- JD 4620 Dsl, P/S, Cab.
- JD 2510 Dsl
- JD 2010 Gas, Row crop
- JD "A"
- JD "B"
- WHITE 2-135 Cab, low hrs.
- MF 1085 Dsl
- MF 65 Dsl, row crop
- MF 65 Dsl, Util. w/Farm Hand ldr.
- MF 135 Gas, P/S, 3-pt, Hi-Lo, w/ldr.
- FORD 3000 Gas
- MM G750 Dsl, WFE
- IHC Farmall A w/sickle bar mower

LANDIS BROS., INC.

1305 Manheim Pike, Lancaster, PA 17601
Phone -717-291-1046

FARM EQUIPMENT

FARM EQUIPMENT

IT'S PLANTING TIME

USED AC 2000 plows 3, 4, 5 btm 16" reset, FORD 2, 3, 4, btm plows, FORD 3 btm spinner plow, JD 5 btm Trip 14", JD 4 btm 3 pt spring trip, IHC 3 btm 3 pt spring reset plow, IHC 1 btm plows, MF 50 Transport Disk, AC 13' transport disc, like new, JD H-2000 3 pt 9' disk, JD H-120 pull type disk, IHC 13' disk, IHC plowing disk, many types cultivators & harrows, Ontario disk opener Grain Drill v g c, New 8' & 10' Brillion Cultpacker Seeders, New & Used Tye No-Till Seeders 3 pt & Trailer Type, AC 2, 4, 6 row conventional & No Till Corn Planters, AC 4 row Air planter, White 8 row No Till Corn Planter with liquid fertilizer applicator, 6 row Danish Tine Cultivators w/Cole Fertilizer Sidedressers, IHC Subsoiler, Century Trailer Crop Sprayer, 2 Row 3 pt. trailer corn planters, 16' spring tooth harrow.

LAWN & GARDEN

Used IHC 34" Tiller, IHC 3 pt, 1 btm plows, IHC cultivators for Cubs - Super C's, Holland Vegetable Transplanter 2 row 3 pt, NEW Transplanter 3 pt 1 row & pull type both w/water tanks, Model 90 Plastic Mulch layer, AC 112 w/mower, AC 912 Hydro w/mower, Roseman 3 gang mower, Mott Hammer Knife mower, H16 Bolens w/mower, plus many small tools for the home or Commercial Garden grower.

USED TRACTORS

AC 7030 w/cab, AC 7000 w/cab, 190XT w/cab, 200, 175D, 5040, D17 Gas & Diesel, D 15 snap coupler, B, WD 45, JD 730 Diesel, WF, 3 pt, direct start, 4320, 2630 w/loader, 730 Diesel, 620, 60 both w/power steering, A, FARMALL 806, 544, 460, M w/WF, M, H, 230, Super C, 154 w/mower, A, 140 Cubs, Cub Cadets, MF 165, 265, 135, 65, (2) 30, FORD 800, 600, 8N.

INDUSTRIAL & TRACTOR LOADERS

TRACTOR LOADER BACKHOES AC 715B, JD 350, CASE 580, JD 440A Gear & Power shift log skidders, (2) AC 655 Crawler Loaders one w/winch, Trojan 204 A Loader w/cab rear steering, GREAT BEND 666 Manure Loader, Case 530 Loader, JD 401 A Loader w/cab & 3 pt hitch, IH 2444 Industrial tractor w/loader, 3 pt. hitch, IHC 2050 w/loader, FORD Gas w/loader, 2000 w/loader, 3500 w/loader, 821 w/loader, 8N w/loader.

SKIDSTEER LOADERS BOBCAT 600 Gas, 611 Diesel, Gehl HL 4400.

HAYING & FORAGE EQUIPMENT

USED HESSTON MOWERS PT 7, PT 10, 1090, NH 488 & 489 Haybine, NI 272 Cutditioner, AC B w/5' Side Mower, NH 451 Sickle Bar Mower, IHC 420 Baler, NH 269, 273 baler w/throwers, NH 276 Baler like new, HESSTON 5800 Round Baler, HESSTON Model 10 Stack Processor, NH 1010 Stack Wagon, FARMHAND 890 Tub Grinder, Grimm Hay Tedders, KUHN 6F 84 Tedder, FARMEC Elevator, NH Elevator, NH 701, 707, 717, 770 Forage Choppers, HESSTON 7020, 2000-150, Various Corn & Pick Up Heads, GEHL 72 Flail Chopper, KASTEN 3 beater Forage Wagon w/roof, GROVE Forage Wagon, NH 352 Mixer Grinder Mill, GEHL 135 Mixer Grinder Mill w/electronic scale.

MANURE EQUIPMENT

MARTIN Equalizer Slurrey Manure Loader, Better Bilt Liquid Spreader, Van Dale Vacuum Liquid Spreader, HESSTON 1400, NH 512, NI 18A, Spreader, 206, plus various sizes NEW & USED NI Spreaders, STARLINE Dairy Special Rota-spreader and HEDLUND MARTIN Side discharge Manure Spreader.

MISCELLANEOUS

Heavy Duty Bush Hog 7' Rotary Mower, Woods 15' 3 section Batwing Mower, SERVIS 15' Bat Wing Mower 3 section w/hyd lift, WOODS Ditch Bank Rotary Mower 3 pt Offset, SHAVER Post Pounder, 6' Sweepster Broom, IHC Motor Paver, GORMAN RUPP Water pump w/Briggs & Stratton Engine, MGS Tandem Trailer, FORD Power Unit PTA 510, NEW Car Mate Car Trailers.

MARSHALL MACHINERY INC.
Sales and Service
AC, NI, HESSTON, KUBOTA
Located in Northeastern, Pa.
5 Miles East of Honesdale, Pa.
on Rte. 652
Phone 717-729-7117

TRACTORS AND EQUIP. JUST PURCHASED FROM 5 FARMS Farmall 1566 C.A. w/20:8x38 factory duals is in field working for sale field ready, Case 1370 C.A. PS - factory duals and full wts. in field working for sale field ready. JD 4010 D.W.F. Dual Hydraulic, AC, 7010 C.A., P.S., 20:8x38 tires, full wts., looks like new & light package. Farmall 1468 w/cab, JD 4020 D.W.F., P.S. Dual Hydraulic White 4-150-4 Wheel drive, fully equip. for $12,500.00. JD 4010 gas, 4020, 2630 w/146 loader, JD 2840, Farmall 1086, 1066 w/cab & air $12,800. 766 original $9250. Int. 444 utility gas, w/P.S. for $3850. Farmall 1066 for $9950. Farmall 1586 C.A. w/20x38 duals used 1200 hrs. extra nice, Farmall 656 gas - $4950. 706 gas, Case D.B., 990

New Holland 1034 Auto - Bale Wagon used 3 yrs. NH 1010 auto bale wagon 76 bale cap. used J.D. 3960 Harvester.

(TRACTORS AND EQUIPMENT) Just Bought. 2-new John Deere 2940 4 whl. drive, 4440 CA PS used 2940 w/R.G. like new, 3020 Tri D. New Ford 7600 w/front whl. drive, JD 4020D W.F. P.S. 2640, Farmalls 1586 4 post R.G. w/duals, 1066 w/cab, 886 w/cab, like new; 1206 extra nice, 756D W.F. original, Int. 674 Utility D. Case 770 D w/loader, AC 170 w/loader, Equip Used, N.H. 363 tank spreader 1 yr. old. CHISEL PLOWS- new Ford 13-15-17 ft. 3 pt. w/gauge whls. HAYBINES- (new) Int. 1190 List $8900. Our Price $6450. only 3 left. New Gehl 1090 for $4850. New NI 272 cut/ditioner-$3450; Used NI 272; Used NH 489-$4000; Used NH 489-$3875; Used NH 477 used 85 acres, like new. Used JD 1209-$2950; Used JD 1209-$2475; Used JD 1209-$1850; Used Int. 990-$1500; 2 new N.H. 256 rakes w/rubber teeth-$2085.

New & used 4 star hay tedders, Nicholson & JD hay tedders.

(Just Traded) 2 N.I. 702 uni w/729A sheller and 743 3 row Q.A. corn head, NI 702 uni w/710 combine and 13 ft., both real nice and field ready.

New AC 7010 w/20 sp. trans., JD 720D, Farmall 686D, MF 1805 4 whl. drive fully eq. for $17,500. White 4-180 4-whl. drive, fully eq. $16,500. Used 966-1 owner original, 1972 JD 4020, 3020 S.C. power shift, JD 4020 S.C. w/cab, 1968 JD 4020. Used Case 2090, MF 1135 w/cab, Ford 3000D. Farmall 350 w/P.S. and F.H., Farmall 450 gas PS and F.H., Ford 6000 Commander D, comp. rebuilt.

Balers (new), NH 315 w/#75 thrower for $9300. JD 346 twine with thrower, JD 336 w/thrower, MF 124 Baler $1875; New Idea #456 round baler, (new), NI 404 wheel rakes $985.

Used NI 279 cutditioners. Fahr rotary 7 ft. haybine. Used 14 ft. packer, used field cult. 3 used chisel plows. JD 340 12 ft. offset disc, JD 40 sq. back combine w/10 ft. grain and 205 corn . Int. 80 pull combine.

JD 6600D combine w/flex grain and C.H., AC 90 pull combine, Glenco SS9 Soil Saver, White 5X reset, JD 210 14 ft. Disc, JD B 16DD w/grass seed drill, Glenco SS13 Hydl. fold Soil Saver, Hesston #30 Stakhand.

JUST TRADED- used Int. 3588 2+2 Int. 986 w/cab, 886 w/cab, 1066, Farmall M w/NI 319 mtd. picker. (Harvesters) NH 890 w/3 row 30" C.H. 2 row snapperhead and pickup head. JD 243 snapper head. JD 7000 4 row planter. NH 278 Baler w/thrower, NH 276 Baler w/thrower, Forage Wagons.

NH #8 Tandem Axle, JD 216 - tandem axle. Lamco Forage Wagon- 18 ft. Hay wagons w/8 ton running gears. NI 325 picker w/12 roll bed, JD 237 mtd. picker and sheller.

Just Purchased (new) 2 NI 323 cornpickers at old prices. (new) NI 272 cutditioner.

(Combines on our Lot.)

Used 1980 JD 8820 fully eq. w/843 corn head real nice. 1981 JD 6620 turbo Hydro, 200 hrs., like new. 1977 JD 4400 Dsl. CA real nice like new; JD 8820 fully eq. w/4 whl drive and dual wheels used 450 hrs. like new. New JD 4420 fully equipt. 443 C.H. New Holland TR 85 w/grain and 6 row C.H. like new. C.H. 1975 JD 6600D rotary screen, good cond. 1976 Int. 715D, w/air & 13 ft. grain, field ready, never used in corn, 1977 Gleaner L2 hydro w/6 row C.H. 1976 Gleaner FD w/air and both heads (1 local owner); 1976 Gleaner KKS cab & air w/grain $12,500, 1976 Int. 915 grain head $19,900, 1979 MF 550D, excel. w/grain and corn heads. 1980-MI 750 Fully Equipped; 1975-MF 510 hydra. w/grain and corn. MF 510D w/cab, Quick Tach grain for $6950. JD 95 sq. back w/2 heads, MH 82 w/cab w/grain.

1968 Gleaner CII diesel w/cab and 4 row C.H., JD 7700 D w/grain & corn head.

1969 JD 55 sq. back corn special w/cab and 2 heads; Int 715 gas w/cab, 810 grain Int. 810 13 ft. floating cutter bar.

Late model Int. 303 w/cab, N.H. 985 w/cab and grain and 4 row 38" C.H. 1972 Gleaner F w/grain & C.H. NI 702D w/cab $6200. NI 702 w/729 A sheller.

TRACTORS & EQUIP. Farmall 1566 w/cab and duals, Used White 2-105 w/roll guard.

New John Deeres 4240 cab & air Q.R. for $29,900; New JD 4440 C.A. QR w/radial tires. Six real nice balers, NH 851 Round Baler (nice); JD 500 Round Baler; Hawk Built round baler.

Corn Heads JD 643, 444, 843, 343, 443, 435N, 313 for 45C, 334, 235, Massey Ferguson 1144 like new, 63, 43, 44, 24, 222, 422, Gleaner L438, F430, F438, K238, F335, F330, M430, K330, Int. 863, 864, 843, 743, 227, NI 4 row 40" heads. Case 4 row 40", MF 44 & 43 Lo Profile, Int. 6 row, 30" for 503, NH 4 row 38" C.H. New JD 444 $7350, New JD 643 $12,500, used White 706N C.H. NI 738 and 728 4 row 30"

(New Farmalls) 5088 fully eq., 3688 fully eq., 986, 686.

Farmall 706 gas, 806 diesel w/cab original- Nice. 1206 real nice, used JD 4230 w/R.G. and creeper gear, 1966-4020. We have 6 JD 4020 side console diesels. JD 2440 w/R.G., JD 2640, 1970 JD 5020, 4010D WF w/dual hydraulic, Ford TW20 w/cab w/220 hrs., damaged, give us an offer, 1972 JD 4020D, WF. JDA w/P.S. & loader, Int. 674D w/loader. Farmmall H & Super H Ferguson 35 original.

TRACTORS AND EQUIP. New NI 324 picker w/super sheller list $15,390. Special $8,475. New NI 325 picker w/super sheller, Farmall 706 w/310 German D w/cab, JD 8630 fully eq. w/duals; JD 2520D, MF 1135 w/R.G. and dual wheels, MF 1105 w/cab, real nice, Int. 656 utility Hydro D. NH 890 2 row snapper head. JD narrow 30" 2 row crop head, like new. Used N.H. 354 Grinder Mixer, like new.

NI 325 pickup w/12 roll bed used 4 yrs.

TRACTORS 1977 JD 4230 cab, air, quad, real nice. JD 6030 cab and duals, JD 4320, Farmall used 986 cab and air, 1566 cab and air w/new T.A., Farmall 544 gas W.F. Farmall 706D WF & 3 pt.; NI 324 picker w/super sheller used 80 acres.

JD 4020 W.F. power shift, good tires ; Case 1070 P.S. $6975; JD 4010 Tri D, Farmall 766, 1 Case 930 Standard, New Holland 770 w/2 row 30" C.H. NH 890 Harvester w/2 heads, Deutz 9006.

CULTIVATORS - New Case 3 pt. 8 row Hydro fold. JD 4 row & JD 6 row rear.

CORN PICKERS - Used (2) N.I. 324 w/12 roll bed (325 N. w/sheller), NI 3 row 30" picker w/super sheller, New Idea shellers and Super shellers, N.I. 2 row 30" picker w/grinder. Int. 234 w/12 roll bed. NI 319 mtd. picker, JD 300 w/2 or 3 row C.H. Used NI 323, 324, #10.

J.D. 7520 w/3 pt. & Dual Wheels. JD 4020 w/58 Loader, JD 4320 w/cab.

Farmall - 1568 - V8 w/cab & air used 1000 hrs., 1566 w/cab, 1466 w/cab. 886 w/cab, 800 hrs., like new. 856D nice, Steiger Bearcat 4 whl. drive w/dual wheels and new motor in excell. cond.; Farmall 460 Gas w/F.H., Farmall 756 gas, Hi Crop- 656 diesel, 756, Cub Cadets 1282, 1250, 149, 1650, 1450, JD 300, 210, 112, Farmall cub w/mowers.

HARVESTERS. N.H. 770 w/2 row, Used Int. 720 - 2 row, for $4650. NH Super 717 1 row, J.D. 38 Chopper w/2 row, Fox 2 row snapper head. NH 770 1 row snapper C.H.

Gehl 400 w/2 row snapper head W.N. and pickup head, Fox 2 row 30" Silage Head JD 1 row snapper head for 38 & 3800.

ALLIS CHALMERS AC 185 w/R.G. w/600 hrs. AC 185 w/turbo. 7040 w/cab, power shift like new, low hrs., 210 w/new 20.8x38 tires, AC H3 Crawler w/blade and winch.

JOHN DEERE Used JD 4030, 5020 tractor puller.

JD 4010 LP Gas (nice) $3750.

FARMALLS: used 1086 w/cab, air, 1 owner-looks like new, 20x38 tires for $19,500, 1066 red cab & air, Used 686 w/cab & air, 1206 w/cab, 806 w/3 pt. & 38" wheels, Farmall 656 Diesel & 656 gas, Farmall hydro 70 w/w.f. and 3 pt., 826 hydro D nice. Farmall 400 gas w/P.S. F.H. real nice w/4 row cult.

New White 2-65 w/front whl. drive and new 1730 loader, list $29,000.

Dealers net $23,700. Our special price $21,850.

New White 2-105 w/cab $22,850.

MASSEY FERGUSON - 2805 24 spd. w/duals nice, 2 MF 1155 w/C.A. M.P., MF 1130 for $6250.

(Case) New 2090 Cab & Air, power shift. Case 1030D for $5700. Case D.B. 1200 for $3900. D.B. 995D, Oliver 1950T w/cab, 2050, 1855 w/20:8 tires 1800, 1850 w/cab, 1550, 1855 w/dual wheels, Ford 3000D, MM Vista 1000 w/cab and loader, MM S670 diesel.

JD 2510 gas.

N.I. 702 Uni tractors w/ combines & 729A and 729 Uni shellsers w-3 & 4 row 30" and 40" heads. Used JD 13 to 15 ft. grain heads

IND. EQUIPMENT - Int. 500E crawler loader w/270 hrs., like new, JD 555 Loader. Int. 510 4 whl. drive payloader used 500 hrs. like new. Cat 933 crawler loader.

Int. 3400D. L&B Howard 3 pt. backhoe, Long 1199A-3 pt. Backhoe like new $3850.

Ford 340 skid loader.

TRACTORS W/LOADERS - JD 4020 W.F. w/58L.

Mechanics Specials.

Case 1030 Needs Trans. work. Case 1410 motor. Farmall 706 gas needs trans work.

PLANTERS Used JD 7000 six row w/fert. fill, plateless, inst. w/minimum till & monitor, (new) White 5100 4 row planter w/monitor for $6850.00, Int. 455 4 row planter w/insect. Int. #56 late model 4 row, real nice - $1975; JD 1460 6 row no-til liquid plateless Inst. - $1975, JD 6 row conservation inst. fert. fill, population monitor and acre fully equipped. Used White 5400 4 row air, w/dry, Inst. no til and monitor for $2000. (used haybines), JD 1209, Int. 990 used N.H. (2) 489, 479, 469.

JD 444 corn heads from $2450 and up.

Cabs for JD and Int. Tractors.

Glenco 12 ft. 9" Soil Finisher like new.

JD 8300 grain drills 21x7 double disk, JD B grain drill 14x7 w/grass seed $575, Farmall 560 w/Int. 234 mtd. picker, $3775.00.

Planters - Oliver 6 row no til w/dry fert., inst., fert. fill and population monitor $2875. pick-up heads for NH 770, 717, Miller 12 ft. offset disk, JD Disks #210 - 12x14 ft. New Westfield grain augers 41 ft. 8" KD=$1395, 56 ft. 8" KD=1995. Used Manure spreaders - 1 NI 214 nice, JD good 54, NH 346 tank spreader, NH 27 & 28 Blowers, Kawannee 12 ft. roller harrow, good.

PLOWS - JD 2500 6x sp. reset, JD 5x hyd. Int. #700 5X auto reset, fully eq., two rollover plows - Int. #140 - 4x18, Oliver 4x16 rollover plows, Chisel Plows, Brillion 10, 12, 13 ft. 3 pt. Chisel Plows. Brady 10 ft. chisel plow Rockland rock picker. New Johnson loader.

Brillion 3 pt. 5 Shank Sub Soiler, NI and JD wheel rakes, 2 Used Gravity Bins on running gears.

Straw choppers for combines; JD 4400, 7700, 6600, MF 510, 550.

Bargain corner Haybine MC 9E Rotary Scythe.

JD Disks- TW 12 ft. heavy disk; Int. #500 = 11 ft. heavy disk, White 252 - Dual wheel disk. JD 65 blower. Woods 4 row stalk shredder.

Used JD 400 15 ft. rotary hoes, Kawanee 22 ft. Wing Disk, Int. #510 24x7 DD grain drill-nice.

Int. 510- 16x7 DD w/fert. and grass seed, like new.

Int. 510 18x7 S.D. w/grass seed.

JD 8300 21x7 DD grain drill.

2 Ontario grain drills on steel wheels w/disc openers nice. NH 268 baler w/thrower, 2 Ford 3 x 3 pt. plows.

Loaders - Used JD 146, MF loader for 1105, New G.B. loader, 3 pt. hitch for 630 and 730 JD tractor. New and Used J.D. Quick Couplers. 4 Used 30.5 x 32 tires.

Int. front whl. drive atch.

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(New) NH Direct cut head for 770. (New) Kill Bros. gravity bins. New Kill Bros. 6 & 8 & 10 ton running gears. Pick up heads for Int. 550, 650, 350, Fox pickup head, (20) sets of dual wheels all sizes.

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IH 606 w loader, very good condition	5,000
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1066 Black stripe, cab, exc cond	17,500
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JD 430 wide front	2,500
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IH 37 baler w/thrower	1,650
IH 47 baler w/thrower	1,850
IH 430 baler w/thrower	2,750
IH 37 baler	1,500
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- MF Pony Tractor with Equipment

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- JD 6620 Sidehill Combine with Heads
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JD 694A Planter
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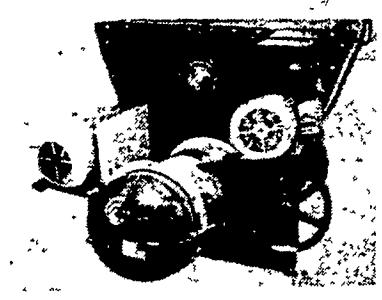

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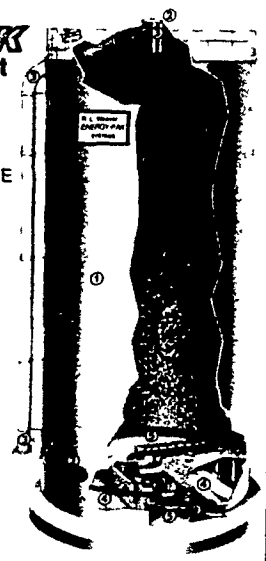

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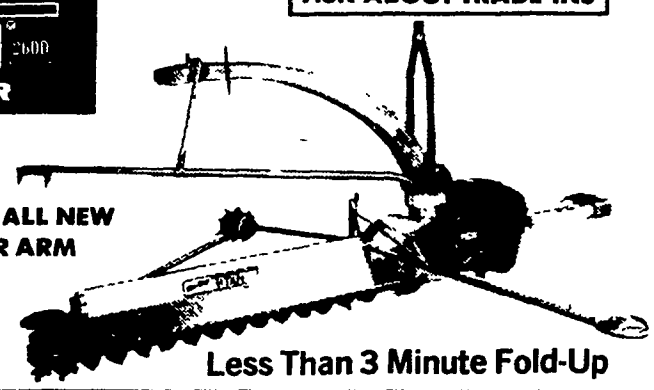

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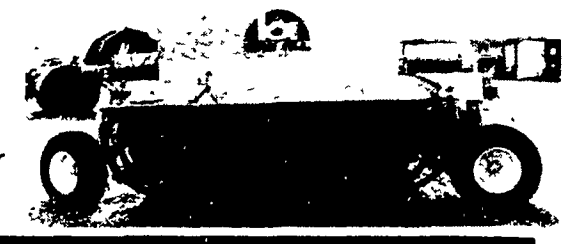

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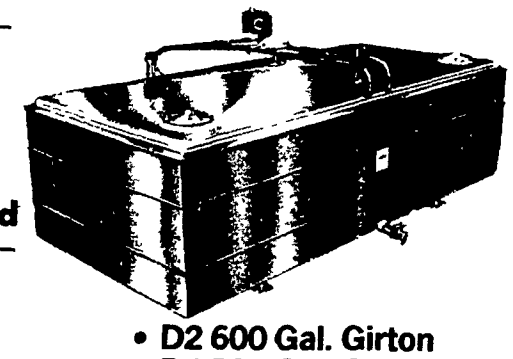

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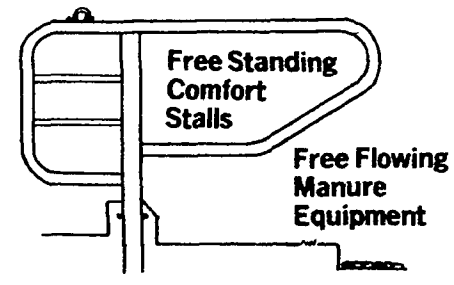

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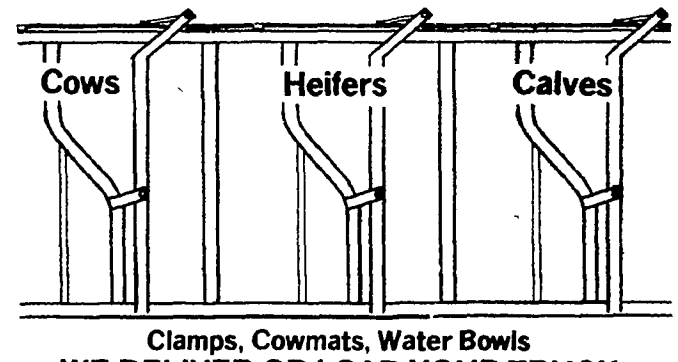

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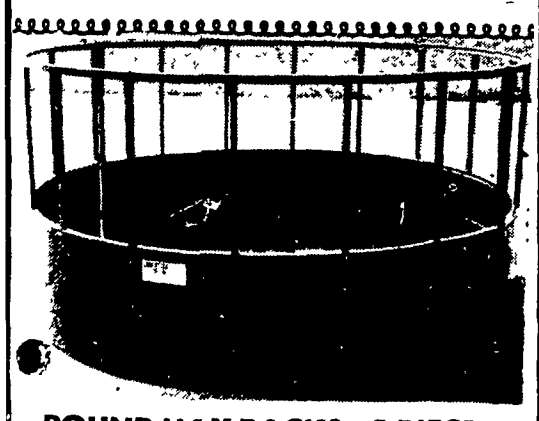

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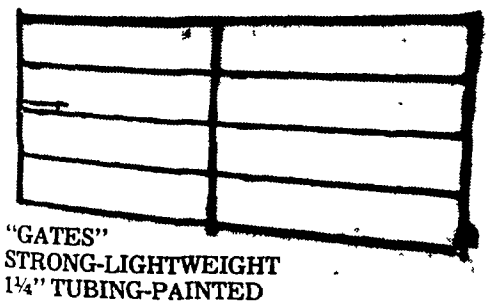

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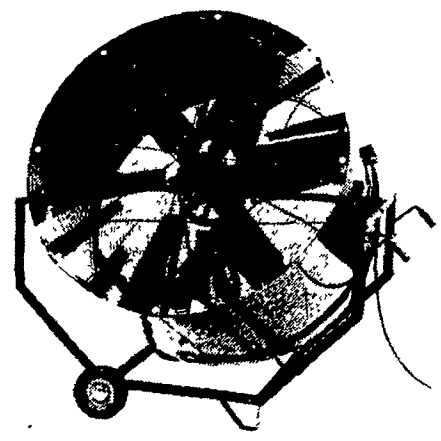

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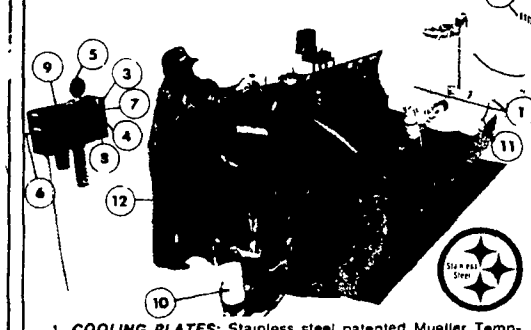

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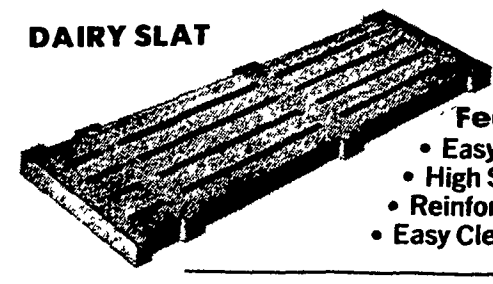
DAIRY SLAT



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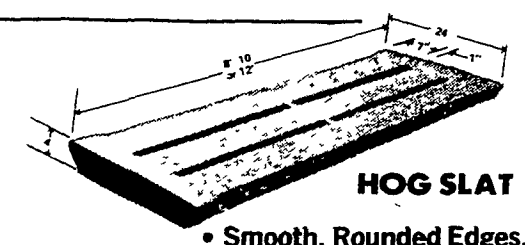

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Reg. Polled Herefords, cows w/calves, bred cows, and heifers. 301-944-9550, eves. 771-4866.

Small herd of very good high grade Holsteins, 34 head, some outstanding producers. Injury forces selling. Call mornings 814-228-3549 Potter County.

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REGISTERED POLLED HEREFORD BULL - Pa. State Performance Tested, 205 day Wt. 597, 365 day wt. 1145, Avg. daily test gain 3.45 lbs., Frame Score 5, as yearling. Born 3-30-79. Present weight excess 2000 lbs., tall, lean, and very correct. Star studded Pedigree- Graystone Trustee, Stanns Mr. Beef 2F, GS Domestic Lass 63, Murphy 286Y, and Vindicator all in one. Easy calver and excellent calver and excellent breeder. Proven Sire, come see the results. 814-237-0286.

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FRIDAY, JUNE 24
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250 HEAD
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YORKSHIRE - LANDRACE
"THE PIG OF TOMORROW is at OUR PLACE TODAY"

31 years of planned breeding program
31 years of leadership in the swine industry
31 years of winners - SHOW RING - CARCASS - TEST STATION
It is not what we say - It is what the record of proof says.
THE PA SWINE TEST STATION IS 16 YEARS OLD.
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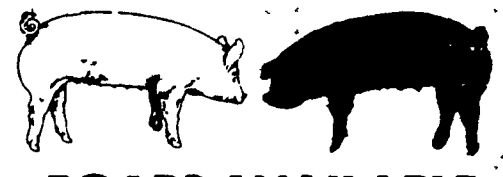

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Catalogs available June 15th
Free Delivery
Lancaster Co. most Mondays
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Brucellosis & Pseudorabies free herds.

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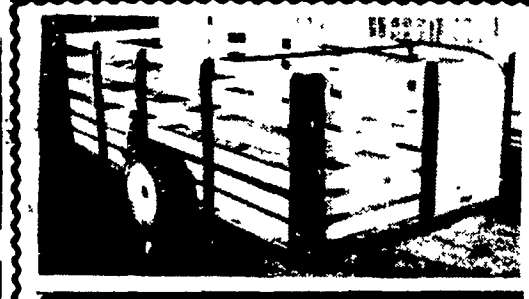

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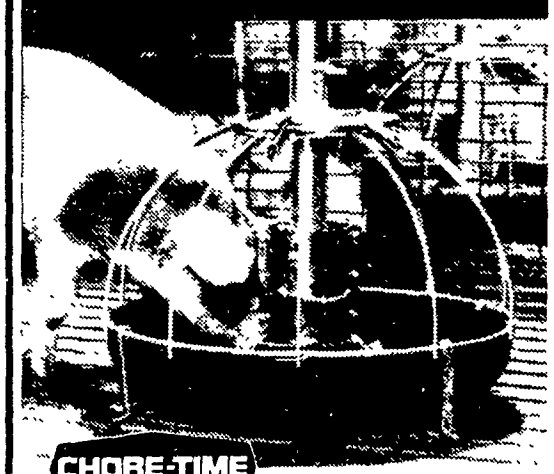

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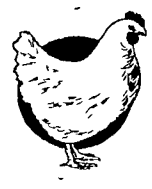

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HELP WANTED

Experienced help wanted for dairy farm, housing available, write to Lancaster Farming, PO Box 366, R-56, Lititz, PA 17543.

Experienced milker wanted on 300 cow dairy, must have at least 2 yrs. experience with knowledge of modern milking techniques using the latest methods in mastitis control. Applicants should have basic cow skills with the ability to give quarter shots and I.V. treatments. Top salary/benefits and reasonable hours. Send resume to Hecktown Dairies, 198 Nazareth Pike, Bethlehem, PA 18017 or call 215-759-2883.

FEED SALESMAN
Manufacturer seeking applicant with knowledge of dairy and beef nutrition. Degree helpful but not essential. Some sales experience preferred. Must be aggressive self-starter able to sell dealers and do resale work on farm. Good salary with excellent earnings potential for right person. Company car and other benefits. Send complete resume, references and salary requirements in first reply to Lancaster Farming, P.O. Box 366 A-59, Lititz, Pa. 17543.

SERVICES OFFERED

SERVICES OFFERED

HELP WANTED

Wanted - person to help on small dairy farm, must be able to milk and help with field work. Must have references, located south central New York, call eves., 607-656-8843.

Experienced person for dairy farming, parlor milking, reference required and Christian preferred, house provided in Paradise, Twp., Write to Lancaster Farming, PO Box 366 D-51, Lititz, PA 17543.

Wanted - companion for elderly lady, 1 to 3 weeks a month, must live-in for those weeks, prefer Mennonite or Christian person, write to Lancaster Farming, PO Box 366, D-52, Lititz PA 17543 or call 215-696-6799.

Exp. person to take over working management on dairy farm in Chester Co., on share basis. Write to PO Box 366 J-276, c/o Lancaster Farming, Lititz, PA 17543.

Wanted - person to work on farm, can furnish house, 301-996-2022.

HELP WANTED

Young person for work on dairy farm, must have experience working with cows and equipment. Housing provided. References required. Southern Lancaster Co. 717-548-2580.

Wanted - Responsible family w/farm background to rent lovely 3-4 bedroom farm house, must be able to do light daily chores. Harrisburg area. 717-766-2954 or 9812.

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Person wanted to repair H.T.S.T. Pasteurizer located on farm at Lambertsville, New Jersey. Howard day 212-719-2157, night 516-764-4854.

Responsible milker needed for 60 cow dairy farm in Lambertville New Jersey. Please call Howard, day at 212-719-2157, night, 516-764-4854.

Herdsman wanted for reg. Holstein herd-exp. person to manage dairy herd. Salary neg. with incentives. Send reply to PO Box 366 A-60, c/o Lancaster Farming, Lititz, PA 17543.

Person to work on 500 cow reg. Holstein dairy, should be able to take responsibility of milking and other dairy related jobs. Hickory Hill Farm, Upperco, MD 301-374-2999 days, 239-7326 7-9 PM.

Married person for modern dairy farm, experience in milking and operating farm machinery necessary, housing plus other benefits, good morals, necessary, state references and experience to Robert H. Whipple, RD 5, Box 249, Towanda, PA 18848.

EXPERIENCED PERSON with AI knowledge to take charge of Reg. Holstein herd. House, vacation, and other benefits. 215-932-8605.

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Person for milking and caring for dairy cattle. References and experience. 717-464-3752.

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Christian young man, experienced on farm, looking for full-time farm work. 215-536-7303.

Young man desires to get started in dairy farming. Has some reg. Holsteins. Very knowledgeable and experienced with cows and equipment. Has references. Write PO Box 366 D-53, c/o Lancaster Farming, Lititz, PA 17543.

Married 32 year old man with four children wishes to manage a dairy farm or similar position. Has life experience can give references. Must provide housing and benefits, 717-243-5341 after 8 p.m.

Herdsman, 7 years experience, A.I., family man. Chester County area preferred. For mid-June. Will take full charge. Reply to Lancaster Farming, P.O. Box 366, J-277, Lititz, PA 17543.

Wanted - part-time work on farm, prefer dairy, experienced milker, eves. and weekends. Elizabethtown or Maytown. Ask for Jim or leave message 717-755-6568.

Wanted - Old barns and other out buildings, will pay cash. S & T Salvage 717-456-7583 RD#3, Box 80 Delta, Pa. 17314.

Young married man seeks employment on dairy farm, experienced in dairy, in or near Lebanon County. Call 717-273-4342 after 5 P.M.

Experienced milker looking for position in dairy farming. Call eves. 215-265-2133.

Experienced milker looking for position in diary farming. Call eves. 215-265-2133.

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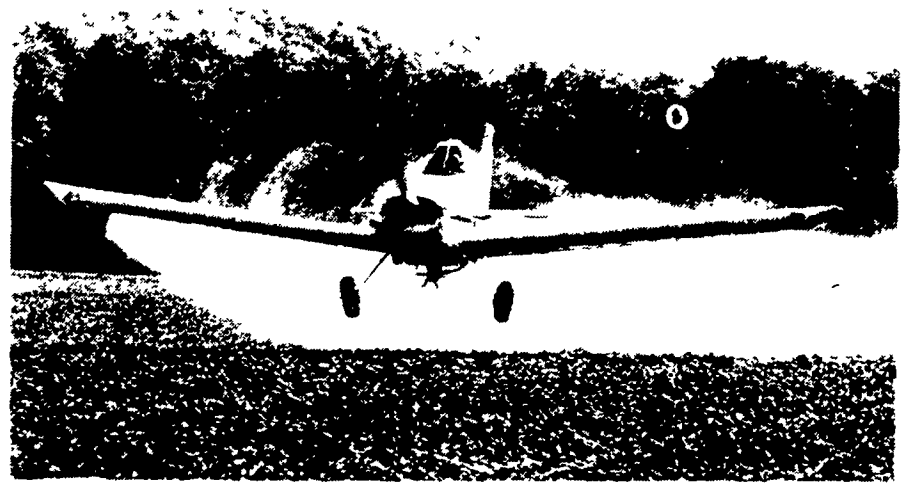

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P.S. Bring in your pups while you can as I am closing the stand for June 28 & July 5 & 12 and will then reopen July 19.

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New and used cardboard boxes, bought and sold. Reliable Recyclers, 114 S. Maple Avenue, Leola PA 717-656-4211.

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Anthracite coal nut stove, $95. Pea, $93. Buck Rice, $86. For Delivery Call 717-875-3972.

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100 tons 6" pipe double wall cut 13' lengths, suitable for center posts, stanchions, pole barns and posts, A-1 condition, pipe price $6 per foot. Bunting Oil Co., 457 Juliet Ave., Lancaster 717-397-3661.

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NOTICE:

Truck & Trailer classified advertisements are located in Section B with Real Estate and Mailbox Market advertising.

Deadline for Trucks and Trailers and Real Estate, Wednesday 5 P.M.
Mailbox Market Deadline, Tuesday 5 P.M.

MISCELLANEOUS

FOR SALE - New and used automatic washers, dryers, gas and electric refrigerators, ranges, used wringer-engine washers, new bedroom furniture. Open 7:30 to 4:30; Saturday, 7:30 to 12:00; evenings by apointment. Myer's Washer-Dryer, Rt. 772, between Brownstown and Leola. 717-656-7169

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MISCELLANEOUS

For Sale - Belsaw Saw Mill on steel carriage with blade and PTO unit, used but good cond., Wayne Miller, RD1, Box 265, Littlestown, PA 17340.

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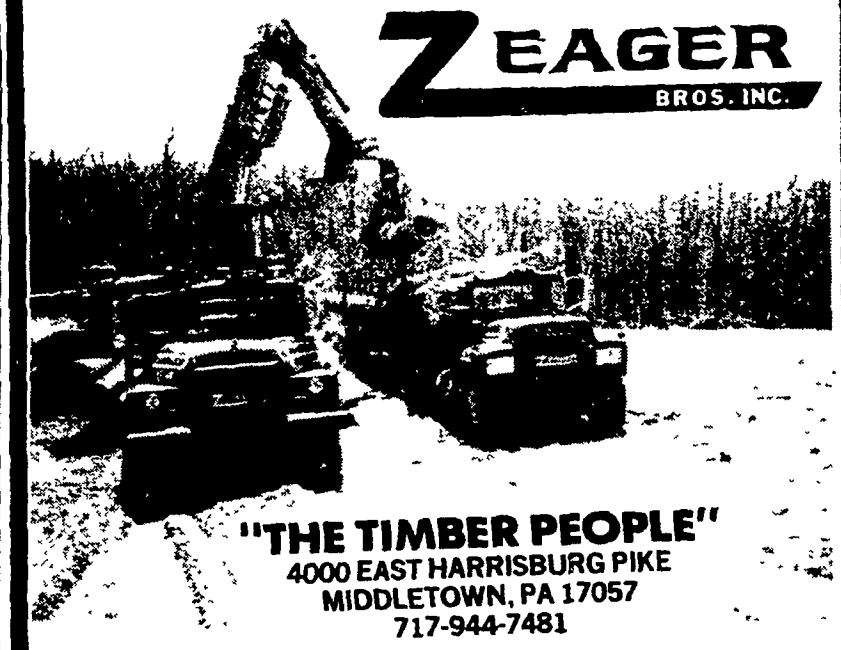

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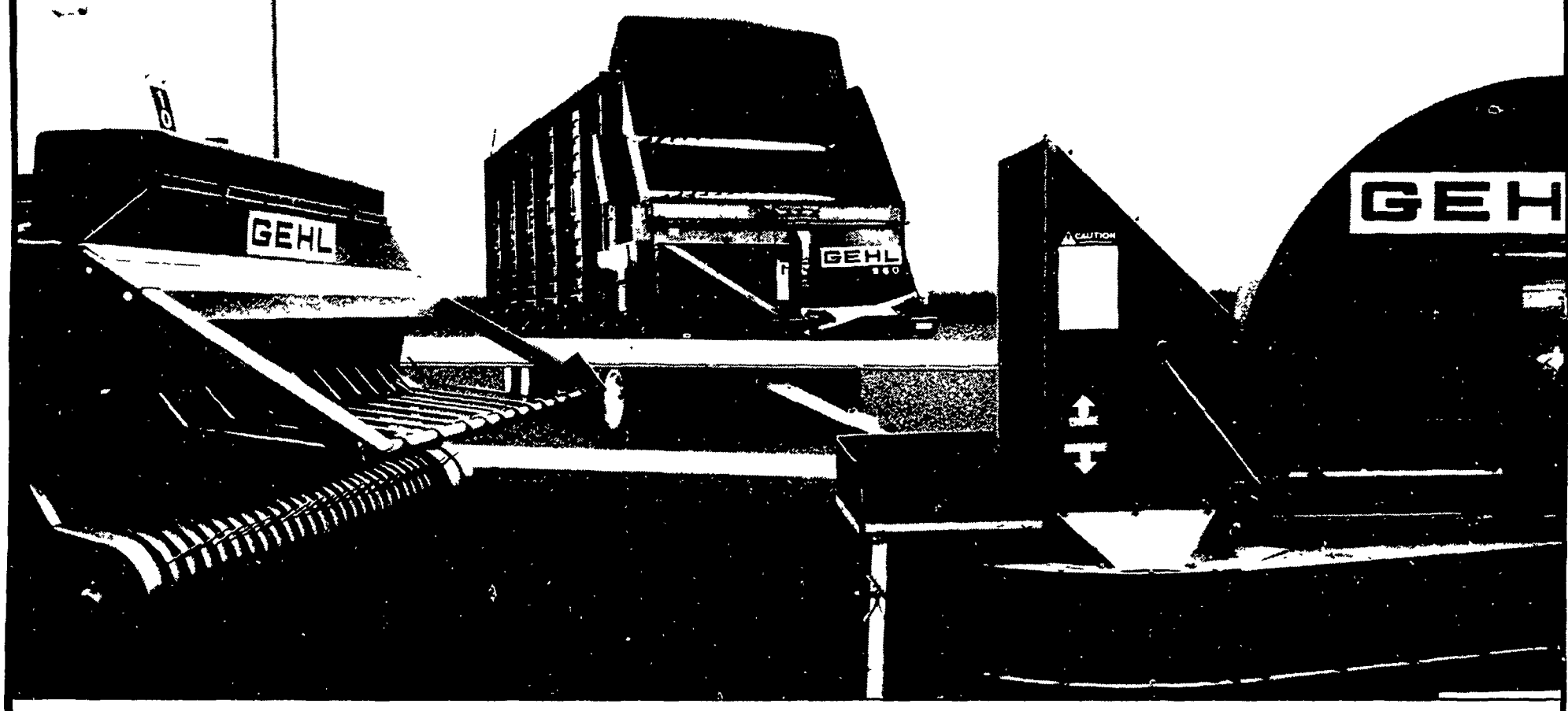

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More capacity for your money.

Act now and you can put a high-capacity forage harvester to work without paying the high prices you'd expect. Choose from a full range of forage harvesters capacity matched to your 60 to 250 hp tractor.

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Master Mix Multiphase™ concentrate.

The answer to today's efficiency questions.

Once again Master Mix® brings you the answer to the age-old question of how to boost the efficiency of the dairy cow.

Simple, flexible, and profit-making, the answer came just in time, because today more than ever you need a feeding program that squeezes more net profit from your cows...to cover operating expenses and pay yourself a good income.

Based on the concept of phase feeding, the program includes Master Mix Multiphase™ dairy concentrate and two Density Plus Nutrient Pacs — Silage Pac and Legume Pac.

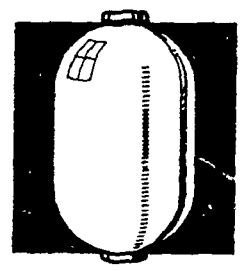
This Master Mix Phase Feeding Program fits any type of operation. Use Multiphase as the foundation concentrate for the entire herd, then add the appropriate Density Plus Nutrient Pac when you need to boost the nutrient density of the grain ration.

Nothing could be simpler for phase feeding. Multiphase allows you to feed each cow for optimum production. This allows the cow to reach maximum milk production without the costly waste of overfeeding. That means more net profit from each cow every day of the year.

Master Mix

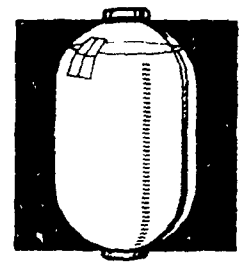
The Breakthrough People.

Phase 1



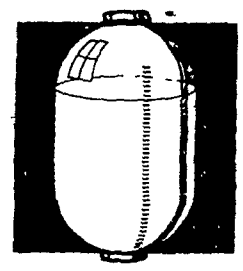
This is the early lactation period, lasting about 10 weeks. During this time, the cow usually cannot physically consume enough feed to support her peak production. Multiphase dairy concentrate and the appropriate Density Plus Nutrient Pac with the recommended levels of grain allows the cow to peak at the highest possible level. This is critical to profitability since each additional pound at peak equals 200 pounds over the course of the lactation.

Phase 2



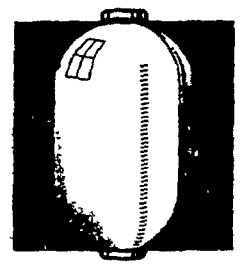
During this phase, milk production begins to decline, feed intake peaks and the cow's body weight stabilizes. The cow is still producing at a high level and her nutritional needs remain high. Shorting her nutrient needs would cause her milk production to drop faster than the normal 10% per month. The appropriate Master Mix Density Plus Nutrient Pac along with Multiphase and grain will help maintain maximum milk production.

Phase 3



The cow continues her natural decline in production during the final 24 weeks of lactation. However, her appetite stays strong, and she can consume more feed than needed to maintain her lower production level. Feed cost can be cut by keeping feed intake in line with milk production. Density Plus Nutrient Pacs are not normally needed during this phase. Proper feeding during Phase III minimizes the amount of grain needed during the dry cow period.

Phase 4



Proper feeding during this eight week period reduces disorders such as overfat cows, off feed, displaced abomasum, calving difficulty, and retained placenta. For most cows, average or good quality roughage supplemented with the proper amount and balance of minerals is an adequate diet. Cows that are in poor body condition may need additional grain ration to build body reserves.

To prepare the dry cow for her next lactation, start feeding the milking ration two weeks before calving. Lead feeding allows the dry cow to adjust more easily to high levels of grain consumption at freshening. Do not exceed 1 percent of body weight before calving.

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Stop in today for all the details on the Master Mix Multiphase Feeding program.

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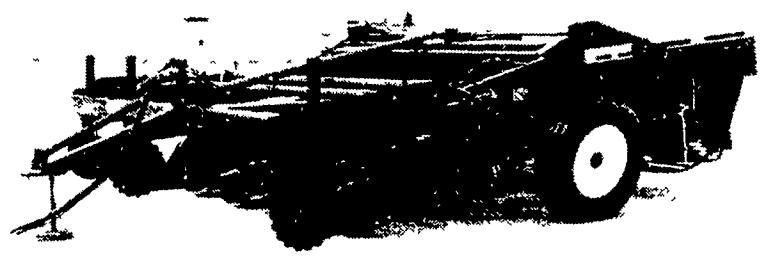
Farm Business News



New four-row potato digger windrower has optional belted chain.

Potato digger windrower introduced

GERING, Neb. — A new four-row potato digger windrower, model 540, with optional belted chain has just been introduced by Lockwood Corporation, Gering, Neb.

"Farmers who already use a six-row harvest system with two windrowers and a harvester can eliminate a tractor and an operator by switching to the Lockwood 540," explains Lockwood product manager, Gary Peterson. "And, those using a four-row system can trade in their two-row digger windrower for Lockwood's new four-row machine and thus convert to a more efficient six-row harvest system that only requires two machines."

The Lockwood 540 has four 30-inch digger chains and a standard rear cross conveyor that collects potatoes at the end of the digger chain and delivers them to the ground on either the left or right side.

The Lockwood 540 also features optional belted chain for quiet operation and reduced potato bruising. Manufactured by Lockwood Corporation, belted chain has proven to last more than twice as long as the standard hooked chain. The 540 comes equipped with the same attachments and options as Lockwood's two-row digger windrowers.

Lockwood Corporation, Gering, Nebraska, is a leading manufacturer of equipment for the potato, sugar beet and dry edible bean industries as well as irrigation equipment.

Agway launches farm center concept

SYRACUSE, N.Y. — Agway is reorganizing its distribution system to better serve the Northeast farm market.

William A. Hiller, president and chief executive officer of the farm supply and food marketing cooperative with 110,000 members in 12 northeastern states, says that Agway is decentralizing its field management teams into eight region offices to place them closer to local Agway stores and farm customers.

"We are positioning Agway as a market leader in the Northeast," Hiller states. "I see a bright future for efficient Northeast farmers and for an aggressive, marketing-oriented Agway."

Hiller explains that certain administrative functions, including accounting, are being consolidated to better utilize the company's computers and experienced staff. Major savings and improved efficiency will result.

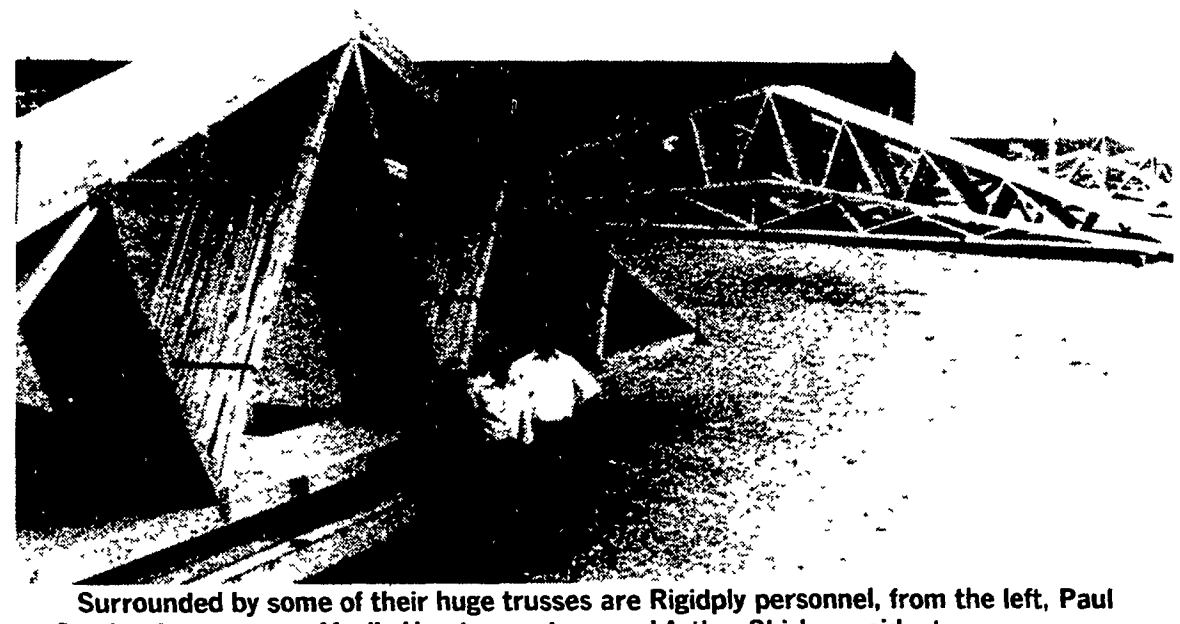
"We have some of the best people in agriculture serving our farmer members through local Agway stores and representatives," Hiller says. "As a member-owned cooperative, we must be sensitive to the requirements of our customers. They are some of the most efficient farmers in the world."

The new distribution system will include establishment of farm centers in major agricultural areas and expansion of franchised representatives. The Agway Petroleum Corporation, a wholly-owned subsidiary, is also aligning to region offices.

William Hiller

"The farm center concept will be gradually implemented over several years," the farm leader says. "Our extensive network of local Agway outlets will provide farm supplies and services to Northeast farmers."

"We are playing to our strong hand in providing the latest technology, expert advice, proven products, and an efficient system of delivery," Hiller says.



Surrounded by some of their huge trusses are Rigidply personnel, from the left, Paul Good, sales manager; Marlin Horst, secretary; and Arthur Shirk, president.

Rigidply - spanning 25 years and lot of structures

BY DICK ANGLESTEIN

RICHLAND — What does a 17-year-old boy do when he suddenly finds himself responsible for the family business?

If he's Arthur Shirk, of Richland, he continues to grow with the business and builds it into an ag construction specialty enterprise that is recognized almost from coast to coast.

Last Friday, the business – Rigidply Rafters, Inc. – which has become a sizable "structural umbrella" covering the parallel growth of the dairy industry over the past quarter century, observed its 25th anniversary.

And that silver anniversary encompassed quite a history to which tribute could be paid.

Its beginning with the Shirk family was in the basement of their home at Myerstown.

And in its infancy, the future of the concern suddenly was placed in the lap of 17-year-old Arthur.

And then there was the disastrous fire in 1972, followed by relocation to Richland.

And, now there's a branch down in Oakland, Md. and the company's service area stretches from Maine to Virginia along the East Coast and as far west as South Dakota.

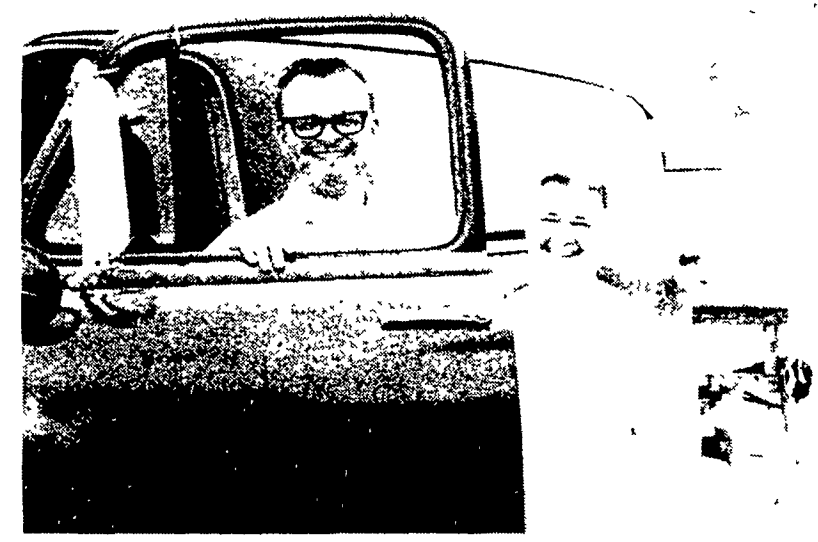
"The family originally was in the construction business," Arthur Shirk explains.

"And, we made rafters for our own use.

"I'd help Dad (Chester) and we'd make rafters in the morning and then again at night – just about the way you'd milk cows."

But then the elder Shirk died suddenly and at 17 Arthur started running the business.

Now, the firm's laminated rafters and trusses dwarf what was considered big back in those early days.



Arthur and Ruth Ann Shirk are shown with 1954 Chevy truck, which was Rigidply's first delivery vehicle.

While a 40-foot span was once considered big, Rigidply has made Gothic rafter spans uo to 104 feet.

"We made the Gothic spans for a dairy barn up in Bath, N.Y.," explain Paul Good and Marlin Horst, the other two partners in Rigidply.

"The barn measures 232 feet long by 104 feet wide and the farmer didn't want any posts so that he could lay out the interior in the way he wanted.

"The milking parlor is 66 by 160 feet and has no posts in it, either."

Another large structure that Rigidply has spanned is the Vantage Point Racquet Club near Allentown, which includes four courts and measures 112 by 230 feet.

A symbol of the firm's beginning was on display at Rigidply last Friday. A 1954 Chevy panel truck was hooked to a wagon on which the original rafters used to be hauled to the job sites.

And, the vintage truck also served another purpose. Arthur used it for courting his wife, Ruth Ann.

Now, the company keeps a fleet of six tractor trailers, three dump trucks, a suburban and an airplane busy conducting business and delivering products.

The company also makes specialty items.

It solved the problem of a homeoner who wanted the posts out of his basement in order to finish a recreation room.

So, two-by-tens were laminated together to form a beam nine inches by 36 inches and 44 feet long.

Thus, from massive dairy barns and racquet ball clubs to post-free basement recreation rooms, the business has grown steadily – just as has the former 17-year-old head of it.

Trimmer gets Angus post

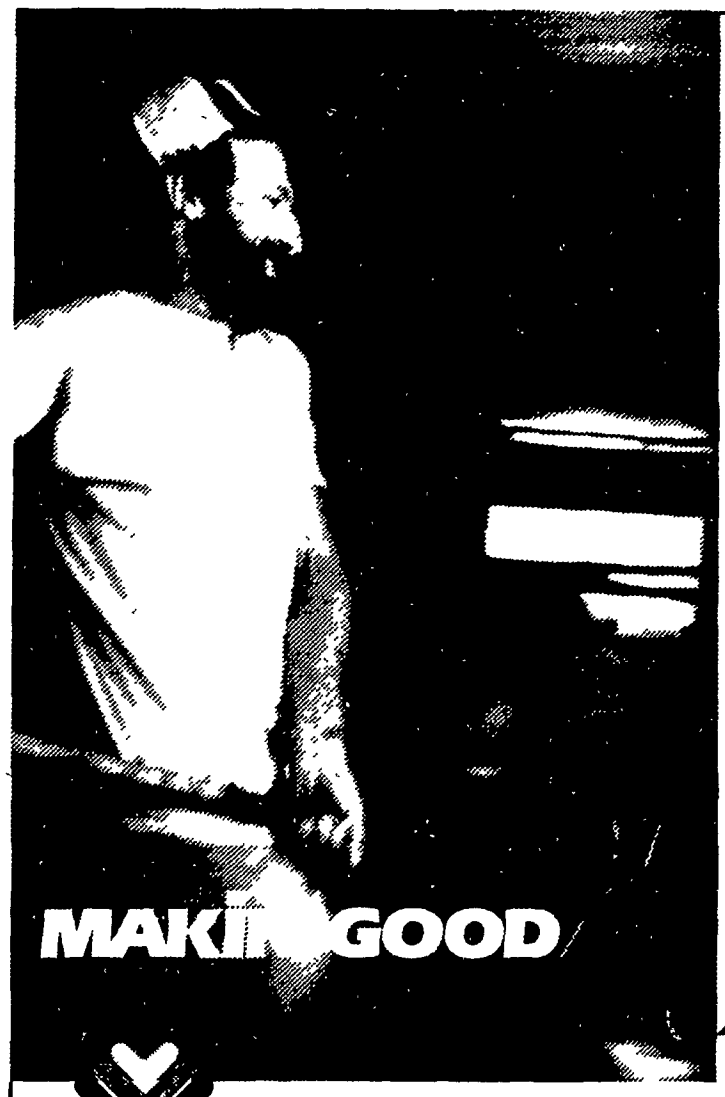
ST. JOSEPH, Mo. — Don Trimmer Jr., 23, of Woodsboro, Md. has been hired as a regional manager, effective July 1 for the American Angus Association and Angus Journal in Illinois and Wisconsin, reports Dick Spader, executive vice president of the Association.

Trimmer is a recent graduate with a B.S. degree in animal science from Virginia Polytechnic Institute and State University at Blacksburg.

During the summer of 1982, he worked for the association as an intern for the junior activities department. In this job, Trimmer traveled throughout the country attending field days, preview shows and other youth events. He is a life member of the American Angus Association.

His other work experience includes assistant farm manager for the past five years at Arrowhead Farms, a registered Angus operation near Walkersville, Md., and serving as national vice president for the Future Farmers of America in 1979-1980.

Trimmer was quite active while in college. He is listed in the 1983 Who's Who Among American Colleges and Universities, was inducted into Gamma Sigma Delta, the Honorary Society of Agriculture this year, and has been on the Dean's List. He belonged to Alpha Gamma Rho, a social-professional fraternity, was a member of the Block and Bridle Club, and of the 1982 intercollegiate livestock judging team. He represented the College of Agriculture for the Student Government Association and University Honor System, and was on the College of Agriculture Undergraduate Studies Affairs Committee. Trimmer also participated in intramural sports.



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See your Vigortone dealer today.

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Purina dealers handling PIK arrangements

LANCASTER — Area Purina dealers are handling arrangements for farmers enrolled in the PIK program who are interested in assigning their entitlements to Ralston Purina Company in exchange for the availability of immediate credit for livestock feeds.

Among dealers handling the arrangements are:

John Hess, of Hess Mills, Paradise.

Tom Bowman, of West Willow Farmers Association, West Willow.

H. Allan Davis, of Davis Feed Mill, Rushland.

According to the dealers, Purina is the first manufacturer to extend credit to farmers for feed grains they will receive from the government in the fall, giving participating farmers a three- to five-month jump on the government's first PIK availability dates.

Through the dealers, farmers can assign their entitlements for PIK feed grains to Purina for a line of credit to purchase livestock feed and other Purina products. "Quite simply, this program allows area farmers to take the PIK grain they will receive after harvest and, in effect, feed it to their livestock today," dealers pointed out.

Financing will be at 10½ percent, the same rate of interest banks charge their best customers, the suppliers noted. Under the plan, approved area farmers would be extending a credit line equal to 95 percent of the established value of their PIK grains.

"In assisting with arrangements between local farmers and Purina, we'll be obtaining information on the type, quality, and quantity of feed grains involved in the entitlement, and the farmer's preferred delivery point and settlement date," they said.

"If the producer accepts the price quote we get from the plant buyer, he can begin purchasing Purina products against his credit line as soon as he executes a PIK Contract confirmation and assignment form, and clears a simplified credit check."

At settlement time, Purina will sent the farmer a check for the full amount of the PIK assignment, less any grain quality discounts, advances made for Purina product purchases and accrued interest, the farm suppliers continued. Farmers will not be charged a handling fee for this service, they said.

"From the farmer's standpoint, Purina's program offers some very significant benefits," they stressed.

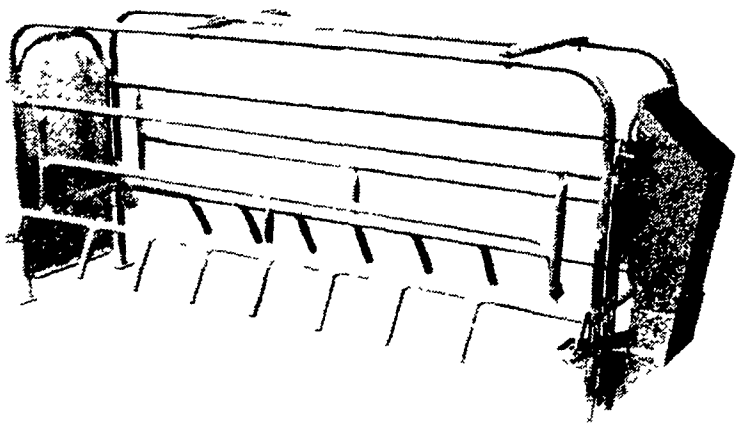
"Most importantly, by offering credit at highly favorable financing rates at a time when many producers are strapped for cash, the plan provides a convenient means of using PIK entitlements to finance today's production costs. At the same time, local farmers can make a forward purchase agreement with Purina through our dealership secure in the knowledge that they're doing business with one of the premier companies serving the needs of U.S. agriculture."

CEVA appoints Duprey

KANSAS CITY — CEVA Laboratories, Inc., Overland Park, Ks, has named Mark Duprey Technical/Sales Representative, Animal Reproductive Products Business Unit.

Duprey, from Bernardston, Mass., will be responsible for sales and performance of Syncro-Mate-B in the northeast territory, including the States of Pennsylvania, Maryland, Delaware, New Jersey, New York, Connecticut, Massachusetts, New Hampshire, Vermont and Maine. Syncro-Mate-B, a new estrus synchronization product for cycling beef and dairy heifers, is marketed by CEVA Laboratories, Inc.

Duprey has broad experience in the dairy cattle industry, raised on a Massachusetts Holstein dairy farm and working with dairy cattle research at Elars Bioresearch Laboratory, Tech-America, Fort Collins, Colorado. Duprey also worked as an assistant herdsman for dairy calves and heifers, Oregon State University.



New farrowing crate features design that's adaptable to most size sows and operations.

Ideal offers new farrowing crate

CONRAD, Ia. — A new farrowing crate is available from Ideal Livestock Equipment. It features a choice of an adjustable bowed bar or finger sides. The new crates are adaptable to either large or small sows. They can be used in total confinement operations or operations in which sows are turned out for feed and water.

The crates are economical and easy to assemble. Adjustable sides (for width) can be removed to allow the crate to serve as a nursery for pigs. Front and back gates are hinged, open freely from either side. New creep panels and dividers allow for ease of installation and entry. Crates can be anchored either to the floor or to raised decks.

The crates are available in lengths of 6½ or 7 feet. They have a top width of 18 inches and adjustable widths of 26 to 30 inches at the base. Crates are solidly constructed with heavy duty 1¼ inch 14 gauge galvanized tubing and one-half inch solid steel epoxy coated pins.

Ideal Livestock Equipment manufacturers a complete line of livestock feeding, handling and watering equipment. Further information is available from Ideal Livestock Equipment, 120 South Main, Conrad, Iowa 50621.

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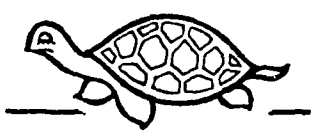

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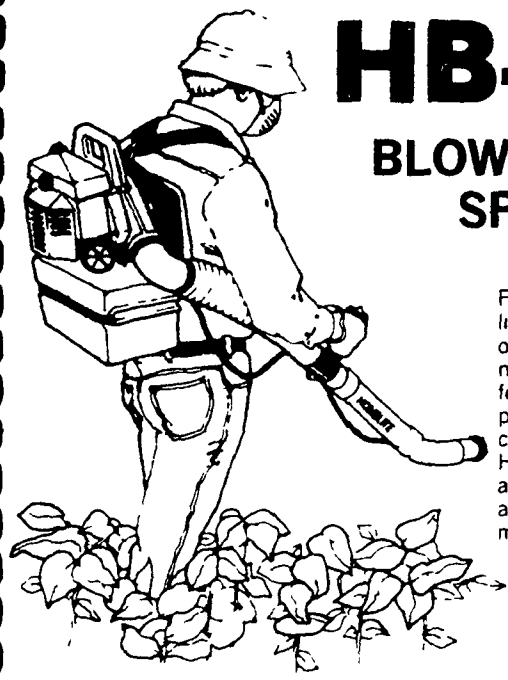

Feature for feature the Homelite HB-680 outclasses all the others Its light weight numerous convenience features and balanced back pack design provide excellent comfort and easy of use The HB-680 is extremely versatile as an efficient clean-up tool and as a lawn/garden maintenance tool

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The sections may be dismantled and relocated. Customers may select any length or width in 5' 2" increments.

A special center wall is available to permit placing bunker silos side by side or dividing existing trench silos.

In addition to silage storage, these upright units may be used as retaining walls or manure pits.

TONNAGE TABLE FOR 8 FT. SIDEWALLS*

Length \ Width	20'	30'	40'	50'
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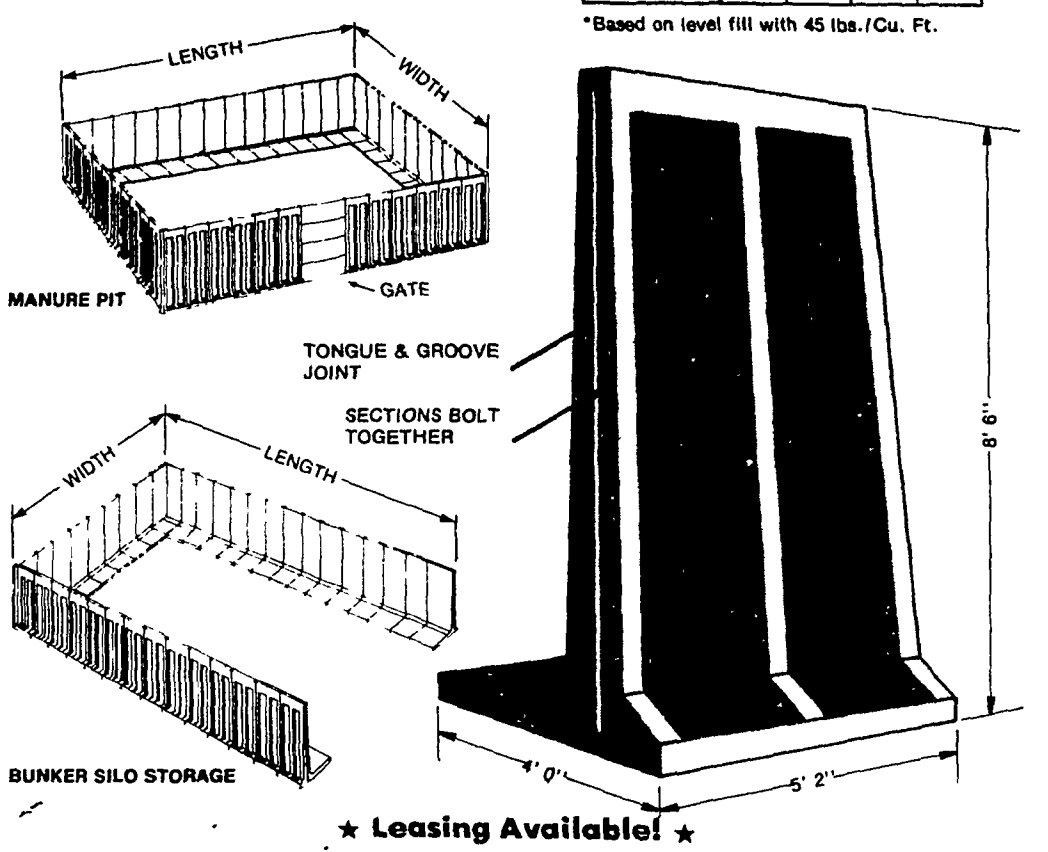
70'	251	376	504	630
80'	287	431	576	720
90'	323	485	648	808
100'	359	539	720	900
110'	395	593	792	989
120'	431	648	864	1080
130'	467	688	936	1170
140'	503	755	1008	1260
150'	539	808	1080	1350

*Based on level fill with 45 lbs./Cu. Ft.



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Farm Credit News

The Pennsylvania Farm Credit Associations are an arm of the nationwide Farm Credit System — the largest agricultural lending institution in the United States. The System is comprised of three specialized sources of agricultural financing: The Federal Land Bank Associations, the Production Credit Associations, and the Banks for Cooperatives.

The 12 Federal Land Banks, located from coast to coast, provide long-term loans on farm and rural real estate through 505 Federal Land Bank Associations; there are nine in Pennsylvania. The Federal Land Banks have been in existance since 1916 when President Woodrow Wilson signed the "Federal Farm Loan Act". Funds are provided on a variable interest rate. The first three Federal Land Bank Associations in Pennsylvania were all chartered on April 18, 1946. These first Associations were Meadville, West Central and York. Prior to the chartering of the nine FLB Associations in PA, Land Bank loans were made under the federally chartered National Farm Loan Associations. These were organized by local farmers as well as being owned and controlled by them. The loan services were handled by a local businessman, often an attorney. Called a "secretary/treasurer", he worked on a part-time basis on a county level from his home or business office.

There are also 12 Federal Intermediate Credit Banks which provide short- and intermediate-term loan funds to 425 Production Credit Associations; there are nine in Pennsylvania. FICBs also provide lending capital to approximately 125 other financing institutions. PCAs have been serving agriculture since 1933 when Congress approved their organization under the "Farm Credit Act". Funds are provided on a variable interest rate for diversified purposes and terms. Production and operating loans may mature in a year or less, while loans for specific capital purposes may be written for up to 10 years. The first PCA in Pennsylvania was chartered on December 27, 1933 in Lancaster.

The Banks for Cooperatives were authorized by Congress under the "Farm Credit Act" of 1933 and issued their first securities in 1950. They operate from 12 districts, nationwide, in cooperation with the Central Bank for Cooperatives located in Denver, Colorado. Their purpose is to serve agricultural, aquatic and public utility cooperatives in a lending capacity. Unlike the FLBs and PCAs, the Banks for Cooperatives do not operate from Associations; loans are made and serviced directly from the 12 district banks.

The Pennsylvania Farm Credit Associations are in "District Two" of the 12 national districts, and, as such, are under the jurisdiction of the Farm Credit Banks of Baltimore. The Baltimore District is made up of the states of Delaware, Maryland, Pennsylvania, Virginia, West Virginia and the Commonwealth of Puerto Rico. Including Puerto Rico, there are 26 Associations in the District; Pennsylvania is the District's largest agricultural producer. In our state alone, there are over 61,000 farms covering almost 9 million acres. The combined PCA and FLBA loan volume in the state, as of March 31, 1983, exceeded one billion dollars - over 35% of the District total! This represents loans to over 21,000 member/borrowers.

The nine Farm Credit Associations in Pennsylvania (with the headquarters offices in parentheses) are Berks-Lehigh Valley (Fogelsville), Butler (Butler), Headwaters (Wellsboro), Lancaster (Lancaster), Meadville (Meadville), Northeastern (Lewisburg), Southeast (West Chester), West Central (Uniontown) and York (York). Each of the 9 Pennsylvania Farm Credit Associations is provided leadership, control and management direction by their elected Boards of Directors who normally meet on a monthly basis. Each Association conducts an Annual Stockholders' Meeting at which the Directors are elected, as are the Nominating Committees for the following year. Farmers who obtain loans are required to invest in stock equal to a percentage of their loans. They, therefore, become stockholders of their cooperative and, as a direct result, have the priviledge of electing their Directors. The Boards are generally comprised of members of the various agricultural industries in the Associations' area.

The 26 Associations' Boards of Directors, in turn, help to elect the Baltimore District Board of Directors. Their voting power is equal to the number of eligible voters they represent in their cooperative. The District Board is comprised of 2 Directors elected by the FLBA Boards, 2 Directors elected by the PCA Boards, 2 Directors elected by the Cooperatives in the District and 1 at-large Director appointed by the Farm Credit Administration's Governor. An eighth and non-voting member of the Board is the District's member of the Federal Farm Credit Board. This representative serves as a communications link between District II and the Federal Board.

The Farm Credit System, through its Banks and Associations, is regulated, supervised and examined on a regular basis by the Farm Credit Administration, an independent agency in the Executive Branch of the U.S. Government. Congress established this regulatory agency for the purpose of supervising the Systems' practices in serving the American farmer. The Federal Farm Credit Board employs the Governor, the FCA's chief executive officer, who is responsible for carrying out the Board's policies.

The Farm Credit System is not an agency of the Federal Government. While the Farm Credit Banks were initially funded by the Government, Government capital was gradually repaid until, in 1968, all federal capital was paid back. The System's funds are acquired through the sale of securities on the open bond market. The Farm Credit System, a true cooperative, is owned by its borrowers.

White gets new financing

OAK BROOK, Il — White Farm Equipment Company has announced it has completed a new financing agreement with Borg-Warner Acceptance Corporation, Chicago. Proceeds from the new financing, which consists of a 5-year term loan and short-term revolving credit line, will be used by White Farm to repay outstanding short-term bank borrowings and provide additional working capital for operations. Borg-Warner Acceptance Corporation continues to provide floor-plan financing for the company and its dealers.

White Farm Equipment Company manufacturers and distributes a full line of farm machinery and materials handling equipment throughout the United States and Canada.

CCC loan interest rate lowered

WASHINGTON — Commodity and farm storage loans disbursed in June by the U.S. Department of Agriculture's Commodity Credit Corporation will carry a 8¾ percent interest rate, according to CCC Executive Vice President Everett Rank.

The new rate, down from 9-1/8 percent, reflects the interest rate charged CCC by the U.S. Treasury in June, Rank said.

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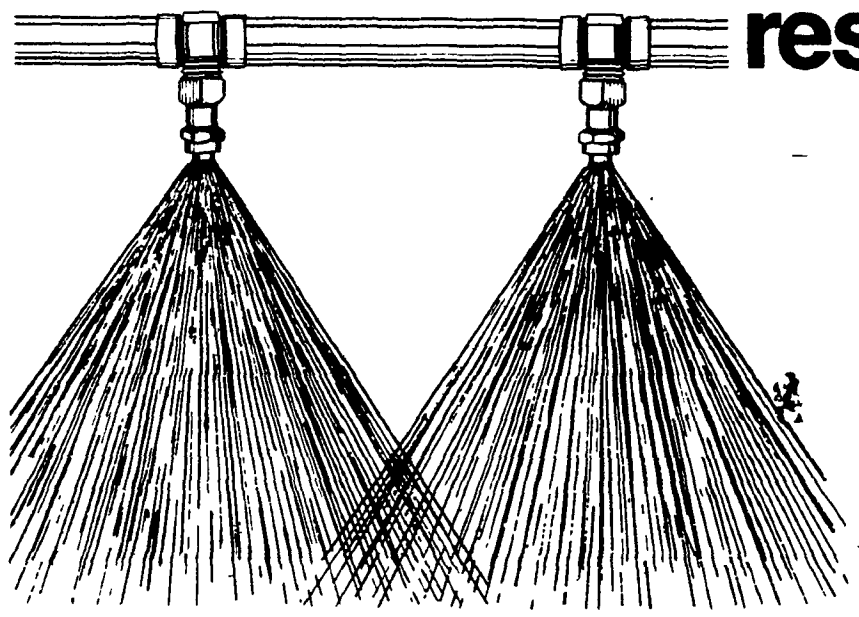

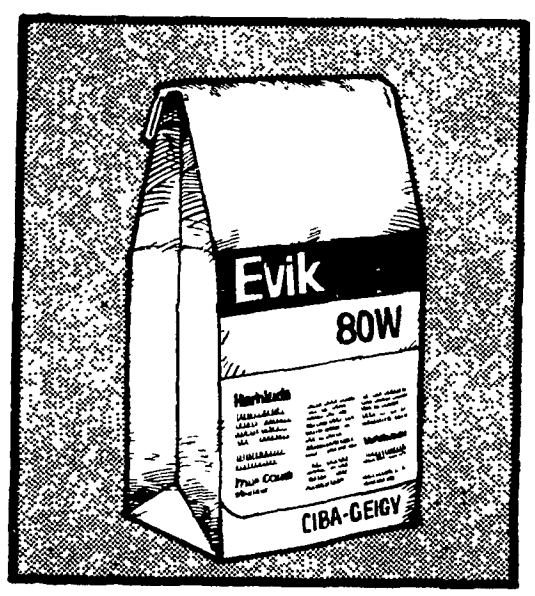

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Evik gives you options you can't get with other herbicides.

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Ask us about Evik for weed control on your PIK acres.

Evik Available Through Your Local Dealer or Custom Applicator

Ag in 21st century book available

RICHMOND, Va. — If the world is to be transformed into a place "where peace and human dignity reign, the first of all imperatives is to banish hunger in our time," asserted Arthuro R. Tanco, Jr., the Philippine Minister of Agriculture, during his keynote address at the "Agriculture in the Twenty-First Century" symposium held recently at the Philip Morris Operations Complex in Richmond, Va.

Excerpts from Tanco's and other conference participants' remarks are contained in a new booklet, "Agriculture in the Twenty-First Century — Highlights of the Symposium," which provides an overview of the vast store of information shared during the two-day meeting.

The conference, which attracted more than 450 leaders from the scientific, financial, political, and educational communities, was sponsored by the University of Vriginia's Colgate Darden Graduate School of Business Administration. It was organized and funded by Philip Morris Incorporated.

Led by internationally renowned experts, the symposium examined all aspects of agriculture's future, from farm financing and trade policy to technology and nutrition.

In the area of farm finance, Walter W. Minger, senior vice president of the Bank of America, sees a global food system in the 21st century "that still suffers from social problems, is impacted by politics and faces masses needs for capital to modernize a decaying plant."

Recommending a "practice what we preach" standard, Dr. D. Gale Johnson of the University of Chicago chastised political leaders for embracing "means of trade intervention of the same type as those we argue should be reduced or abandoned."

The goal of future research and technology, "to design genes to make animals and plants which are superior in all characteristics for the use to which agriculture puts them... is comparable to placing a man on the moon," said Dr. Ralph W. F. Hardy of E. I. duPont.

"It is a pity," he said, "that this area has been even less successful in attracting new talent than all of agriculture."

But American Farm Bureau Federation President Robert B. Delano expressed optimism for the future. "Tomorrow's farmers must be, and will be, better agronomists, better conservationists, better financial analysts, better communicators, and much better marketers," he said.

Copies of the booklet, "Agriculture in the Twenty-First Century — Highlights of the Symposium" are available, without charge, by writing to: 21st Century Highlights, Philip Morris Inc., 120 Park aVe., New York, NY 10017.

Farmhand introduces tub grinder

Farmhand Inc. announces the introduction of the XG50, a new high capacity tub grinder designed for large cattle operations and custom operators. This new machine will replace the popular 900 Series Tub Grinder in the Farmhand line. The XG50 incorporates many new design features which include a totally new main drive system for tractors up to 220 horsepower and a new dual tire tub drive system.

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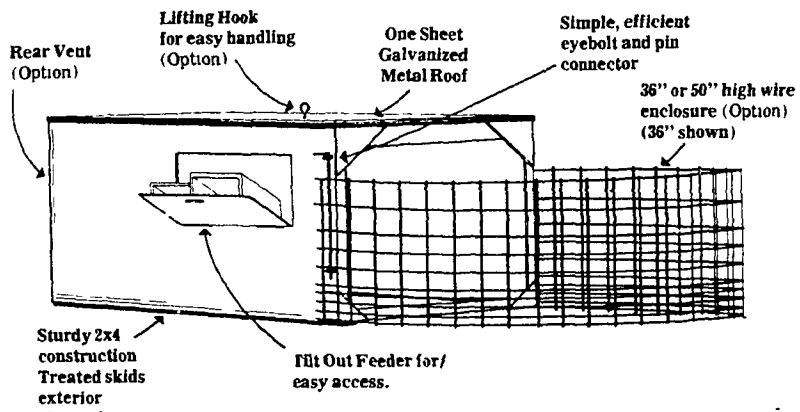
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Dows attends DeLaval course

Arthur Dows, above right who is associated with J.B. Zimmerman & Sons, Blue Ball, recently attended the DeLaval Agri-Systems Academy to take part in a comprehensive course in the Herdmaster System. The course included in-depth classroom instruction and hands-on training with various DeLaval equipment.

DeLaval, a division of Alfa-Laval, Inc., is a 100 year old dairy farm equipment company that markets milking, cooling, feeding, and manure handling equipment through a nationwide network of dealers. The DeLaval Agri-Systems Academy training programs help dealers and their employees stay current with the rapidly changing agricultural industry.

Dows is shown with DeLaval Academy personnel.

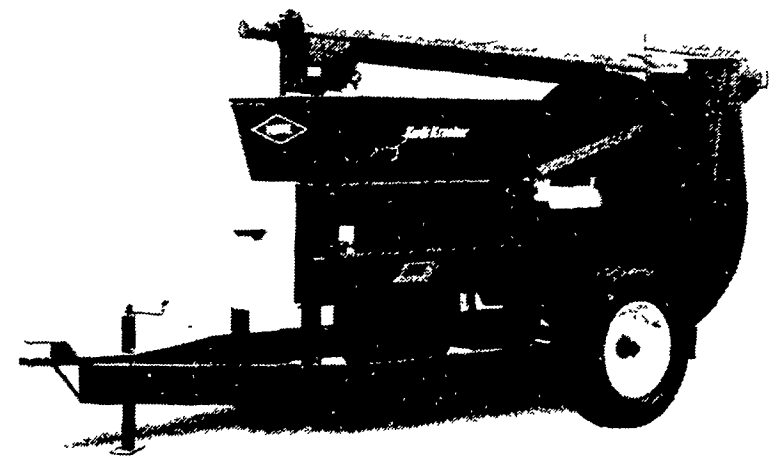
Use roller mill to fill pit silo

COLUMBUS, Neb. — Portable roller mills manufactured by Henke Machine, Inc. can pack more grain into less space. During harvest, they can be used when filling pit silos.

In storage, rolled grains pack tighter to increase storage capacity by about 25 percent. "In addition, tests have shown rolled grains outperform whole grain in stretching livestock feed conversion," Wayne Davy, president of Henke, said.

Mill capacities range up to 1800 bushels per hour. They can process shelled corn entering or leaving storage under both high and low moisture conditions. The fineness of grind can be adjusted easily while the mills operate. Rolls crack grains like milo, barley and wheat with minimal flouring.

Options include hydraulically-driven input augers, either seven or twelve inch discharge elevators for all grains. For an extended life, the mills are made with heavy-gauge steel and have replaceable wear plates at the end of the rolls to eliminate frame wear. Case-hardened rolls last up to four times longer than regular rolls. Standard seven and nine inch rolls efficiently crack and move high capacity loads. Customized nine inch rolls are available. Other options are the two-high model with upper set of rolls for coarse cracking and lower set of rolls for fine grinding.



Portable roller mill packs more grain in less space.

Henke has manufactured feed-grain processing and handling equipment for over 40 years. More information on portable roller mills and other Henke products is available from Henke Machine, Inc., P.O. Box 1006, Columbus, Nebraska 68601.

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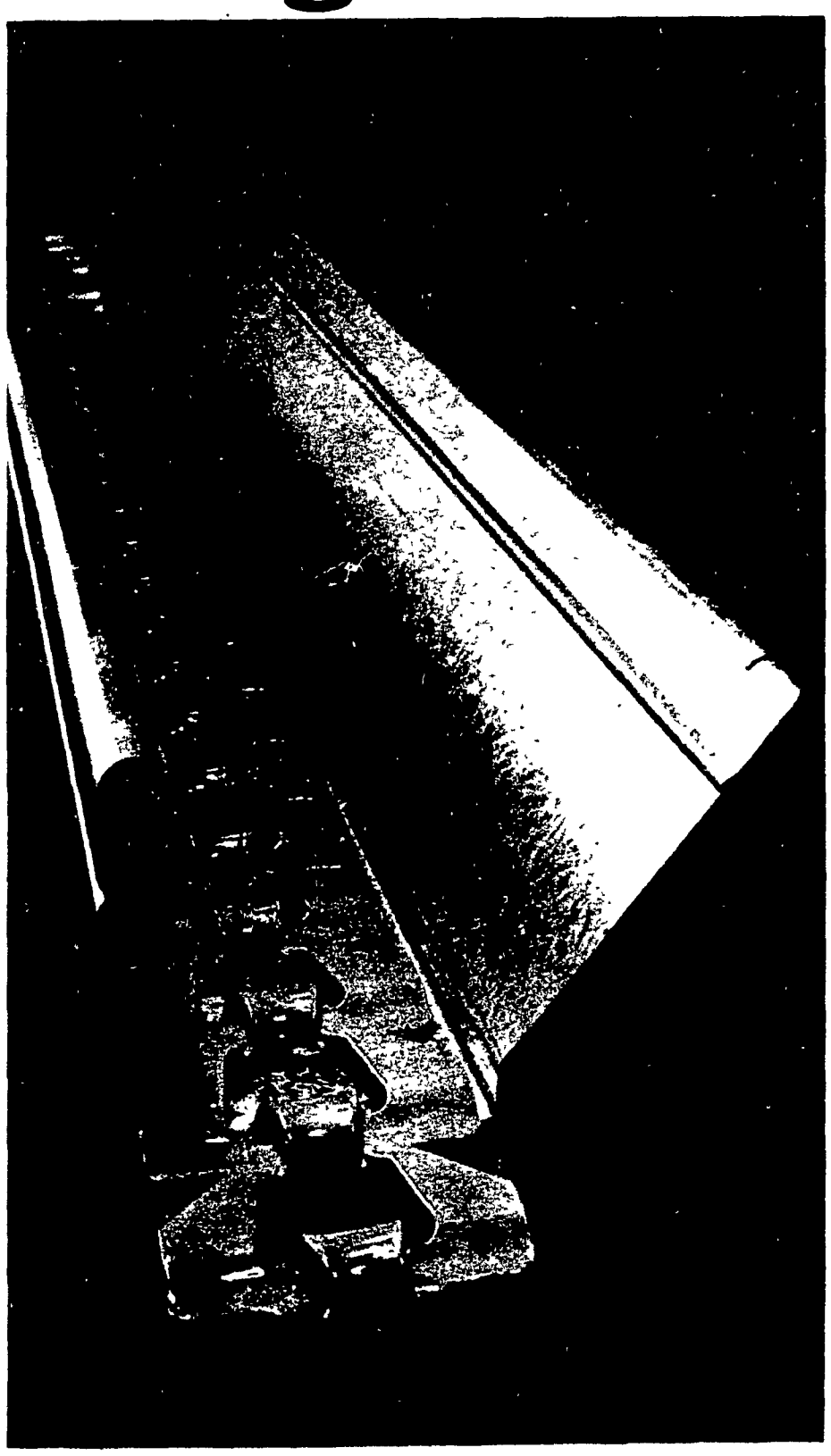
A Cage isn't enough



It takes more than wire to make a cage system. More than anything else it takes a feeder.

Sure, other components are important, but mainly it's the feeder that makes the system. That's why Big Dutchman's Systems are equipped with a SPEED FEED chain feeder that feeds every bird the right amount at the right time, without waste.

When you compare poultry equipment remember that the real test of a cage system is its feeder. Big Dutchman is ready for the test.

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Butteroil donated to Poland

WASHINGTON, D.C. — The U.S. Department of Agriculture's Commodity Credit Corporation has donated 1.852 million pounds of butteroil to the World Vision Relief Organization for distribution to needy persons in Poland, according to Under Secretary of Agriculture Daniel G. Amstutz.

CCC acquired the butter from which the butteroil was produced under the domestic dairy price support program.

Butteroil is produced by melting butter and removing the accompanying water and salt, resulting in a product that is 99.6 percent milkfat. Butteroil is used in cooking and in the manufacture of diary products and can be re-combined with nonfat dry milk to produce reconstituted whole milk.

Earlier this month, CCC donated 3.969 million pounds of surplus dairy products to the World Vision Relief Organization for distribution in Poland. Those donations, made under Section 416 of the Agricultural Act of 1949, included 1.323 million pounds of nonfat dry milk, 1.323 million pounds of cheddar cheese and 1.323 million pounds of butter.

As with the earlier donation, the donated butteroil will be given to some 200,000 elderly Polish persons who lack pensions, the ill and disabled who lack access to social services and to those people experiencing severe food shortages due to living standards below acceptable norms.

New sanitizer reported

ST. PAUL, Mn. — A new product from Klenzade Division of Economics Laboratory, Inc., provides dairymen the convenience of automatically sanitizing milking equipment each time they acid rinse.

New Mandate acid sanitizer is specially formulated for use in clean-in-place (CIP) systems and combines both the acid rinsing and sanitizing functions into one step.

"Mandate is a totally new product, based on new chemical technology," says Bill Schmidt, vice president of technical affairs for Klenzade Division. "We've employed bio-active acids in place of traditional sanitizing agents."

This unique formula allows thorough sanitation of milk lines, bulk tanks and other equipment without the use of chlorine or iodine. Regular use prevents formation of milkstone or mineralstone on processing equipment.

New Mandate is ideal for pipeline use, thanks to its low-foaming formulation. And it is non-corrosive to stainless steel.

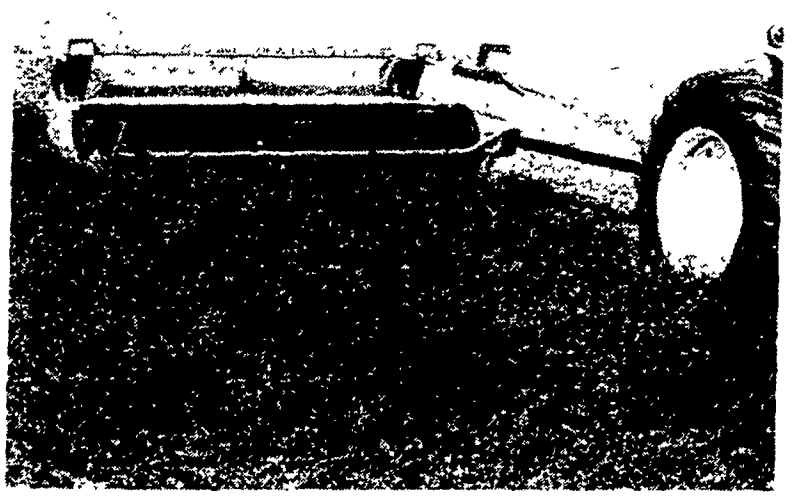
Extensive on-farm testing has shown Mandate to be extremely effective in reducing bacterial counts. Mandate is particularly effective against psychrophilic bacteria, such as pseudomonas and some coliforms.

Psychrophilic bacteria grow well under cool conditions, and thrive in the absence of a thorough sanitation program. The metabolism of the byproducts of these bacteria can attack milk protein and fat, shortening shelf life, reducing cheese yields an producing off-flavors.

A liquid available in cases of four one-gallon jugs, Mandate is recommended for use at high dilution rates of one ounce to six gallons, making it an extremely cost-effective treatment.

For more information on new Mandate acid sanitizer, contact Klenzade Division, Economics Laboratory, Inc., Osborn Building, St. Paul, Mn. 55102.

Is this a "Hollywood" cow?



This is the Model 509 mower conditioner from New Idea.

New Idea expands MC's

COLDWATER, Oh. — New Idea of Coldwater, Ohio is offering two new models of mower conditions available in 7- and 9-foot cutting widths.

These new mower conditioners feature intermeshing conditioning rolls for efficient, yet gentle, stem crimping of hay and grasses. Conditioning rolls separate when the header is hydraulically raised to allow the operator to remove minor obstructions without leaving the tractor seat.

Other features include an "over-header" frame design and header flotation system for more even cutting. The new Mower Conditioners are two of several new hay harvesting products recently announced by New Idea.

Indians practice conservation

WASHINGTON, D.C. — The entire Navajo Indian Nation now is eligible for soil and water conservation assistance from the U.S. Department of Agriculture.

Secretary of Agriculture John R. Block has signed a memorandum of understanding with the Shiprock Soil and Water Conservation District in Arizona, New Mexico and Utah to help the district carry out a broad program of assistance to land users in natural resource protection and improvement and rural development.

This is the fifth conservation district to be formed on the reservation.

"More than 2 million local people in the United States voluntarily carry out soil and water conservation improvements on their properties every year," Block said. "We look forward to helping more of the Navajo people improve their resources and their livelihood."

Block said the USDA will provide cost-sharing and credit along with research, education and technical help. The Shiprock district has drawn up a long-range program aimed at:

— Improving rangelands to prevent erosion and provide more forage;

— Developing and improving irrigation systems and water supplies;

— Assuring multiple use of woodland areas to enhance many resources and meet many values; and

— Helping all Navajo people learn how to care for and manage the district's natural resources.

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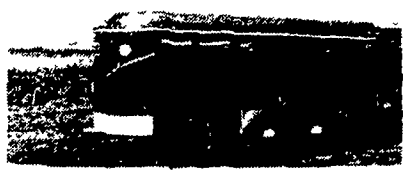

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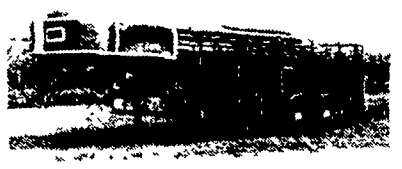

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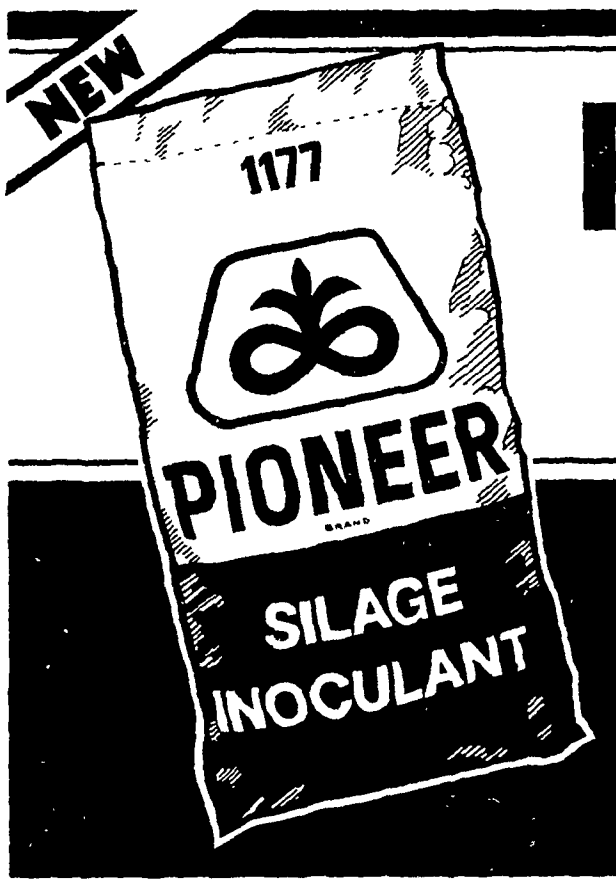

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Mammoth demand for food seen

COLUMBIA, Mo. — Farmers must grow as much food in the next 30 years as mankind has produced in all history to meet the demands of the world's rising population, Nicholas L. Reding, Monsanto Chemical Company vice president, told graduates at the University of Missouri-Columbia (UMC) College of Agriculture convocation.

Reding, the executive in charge of agricultural, nutritional and biological interests, said that the projected increase in world population, from the present four billion to six billion by the year 2000, will require even greater productivity from American agriculture, already the global leader.

"The United States is being smothered by a blanket of surplus grain," Reding said, "but the problem is a short term one. The turn of the century will see an unprecedented demand for food," he pointed out to nearly 1500 graduates and friends assembled for the convocation.

"We must nurture research now, so we can reap the benefits later in the form of more and cheaper food for more people," said Reding, who once directed Monsanto's agricultural sales operations in Europe and Africa.

Farmers will not only be expected to produce more in the future, they will have to do it with the same amount of land while conserving topsoil and protecting the environment, Reding said.

"Sustained investment in research, on such problems as developing higher yields plants and new varieties that can thrive in harsh environments, is needed now," he continued, "to bring about a scientific revolution in agriculture that will make previous accomplishments pale by comparison."

Reding urged the new agricultural scientists to take the lead in understanding and supporting new technologies. He warned that for American agriculture to remain vigorous, various special interest groups, as well as individual farmers, must be willing to make sacrifices for the common good of the industry.

In addition to granting some 300 Bachelor of Science in Agriculture degrees, the University of Missouri-Columbia bestowed 90 Master of Science and six doctoral degrees in the field.

The UMC College of Agriculture, the eighth largest in the United States, has contributed to the feeding and care of Americans for more than a century. One-eighth of America's corn springs from a parent line developed at the UMC College of Agriculture as well as widely used improved wheat, soybean and cotton lines.

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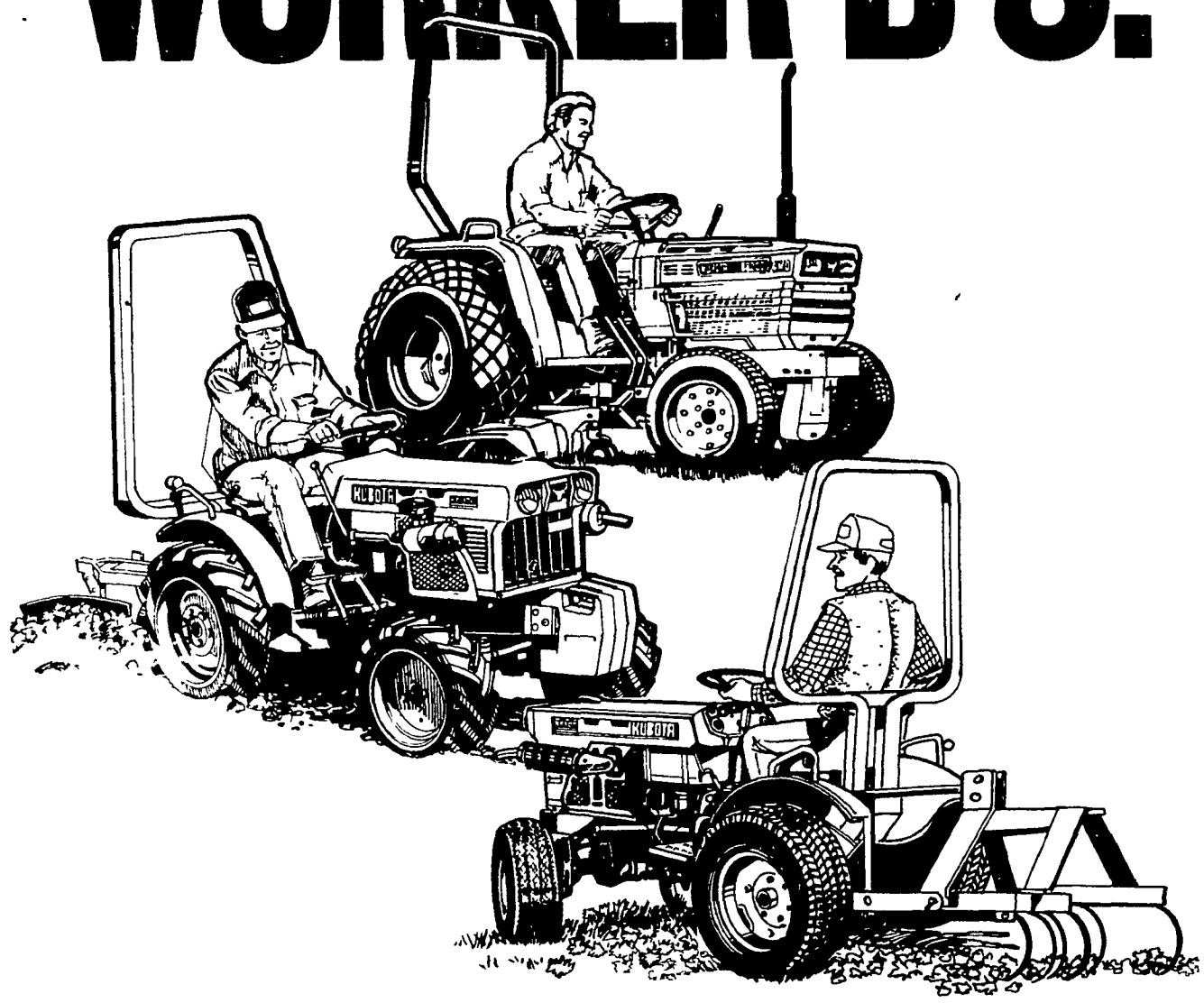

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Crawford dairyman gradually switching to Jerseys

BY ROBIN PHILLIPS
Staff Correspondent

CONNEAUT LAKE — "We don't ship as much milk now as when we had the Holsteins, but there's no difference in the milk check," states Tom Sanderson, a Crawford County dairyman, who has discovered his own solution to the surplus milk problem. Sanderson, who farms 700 acres in addition to milking 70 Jerseys and 30 Holsteins, has experienced the "other breed" and now speaks out for the economical, "little brown cow".

"Most Holstein people don't understand that the Jersey cow has turned around," he states, referring to the tremendous updating of the breed which the American Jersey Cattle Club has undertaken in the last ten years. Because of their innovative programs designed to give incentives to breed for more milk, and higher type without sacrificing the high test common to Jersey cows, Sanderson credits the AJCC for "turning the breed around" and admits that "production makes a big difference".

Beginning to farm in 1966 after a stint in the service, Sanderson and his wife, Carolyn, purchased her grandfather's small farm, just outside of Conneaut Lake in Crawford County. Although Sanderson had worked with Jerseys for FFA projects, he started dairying with a majority of Holsteins. At that time, with major building and renovations to be done on the farm, Holsteins were readily available, saving him time in assembling a herd.

At the start of his operation, buildings were at a minimum. Working in his spare time away from planting, harvesting and milking, Sanderson expanded the original 40 x 50 barn to its present size of 80 x 120. He also added a 40 x 100 freestall barn for heifers.

Because he wanted to grow all his own feeds, Sanderson leases the majority of the land that he farms and has added two Harvestore silos to the farm. He also added grain drying equipment in 1978 to increase his cash cropping venture from the acreage he leases.

Stating, "I don't like crop farming so I began cash cropping to get the big equipment so I am able to get my crops in on time," Sanderson goes on to explain that he does not like too much hired help and wanted the bigger farm equipment so that one man could farm this amount of land. "Time is money," states this economical farmer. He is able to plow nine acres an hour and plant 80 acres a day.

Everything we feed we raise

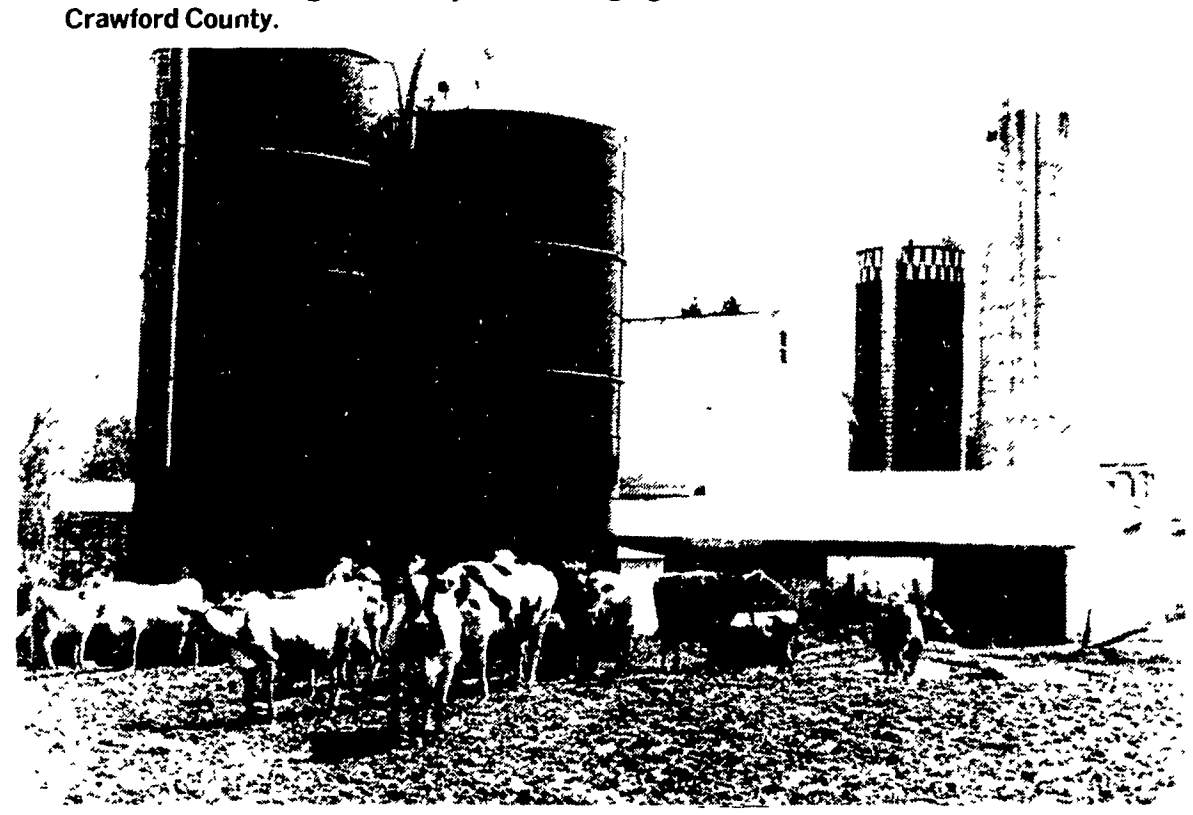
"Everything we feed, we raise," Sanderson states and is thoroughly convinced of the benefits of sealed storage. Alfalfa haylage, and high moisture shelled corn is feed to the [illegible] bunk, with corn silage being fed in the barn. The cows are divided into two groups and rotated-12 hours in the stanchions and 12 hours in the freestalls. Cows get no hay and Sanderson top-dresses ground raw soybeans according to the haylage tests. "Why go through all the middlemen, when you can grow it and store it," he continues. A natural mineral mix is also fed to the herd, free choice, and Sanderson credits this practice with the good conception rates he has in the herd, as he also does his own A.I. work.

With a dairyman this attunded to "what pays, and what doesn't", it was only a matter of time until his attention would be turned to increasing the production efficiency of a dairy herd. It was approximately two years ago that Sanderson did just that, and

(Turn to Page D12)

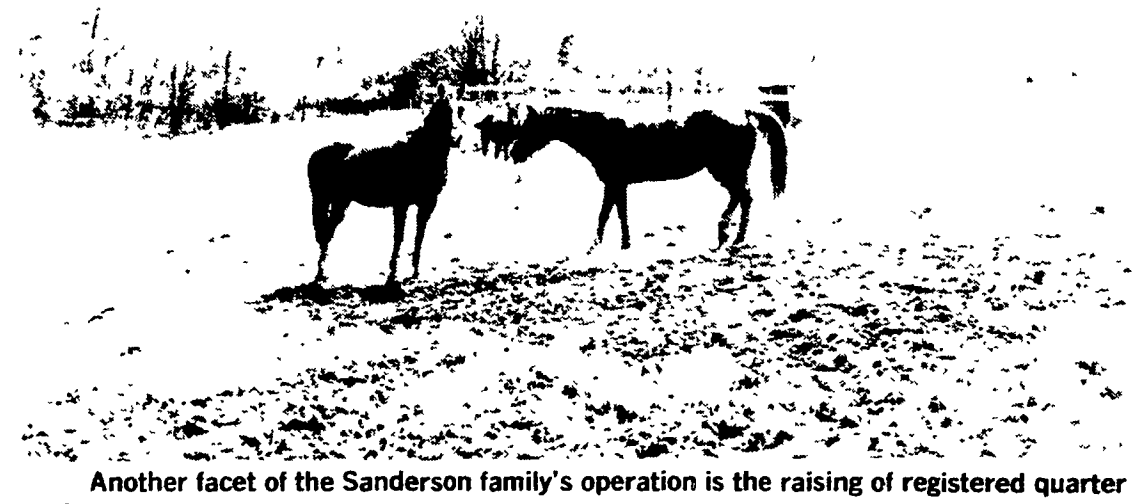
Attractive farm sign and Dairy Princess sign greet visitors to the Sanderson farm in Crawford County.

Steve, the chief calf feeder, lounges with some of his charges.



Part of the Sanderson herd is shown against a backdrop of buildings and silos, which are instrumental in the feeding program.

Four peacocks strut their beauty around the Sanderson farm home.



Another facet of the Sanderson family's operation is the raising of registered quarter horses.

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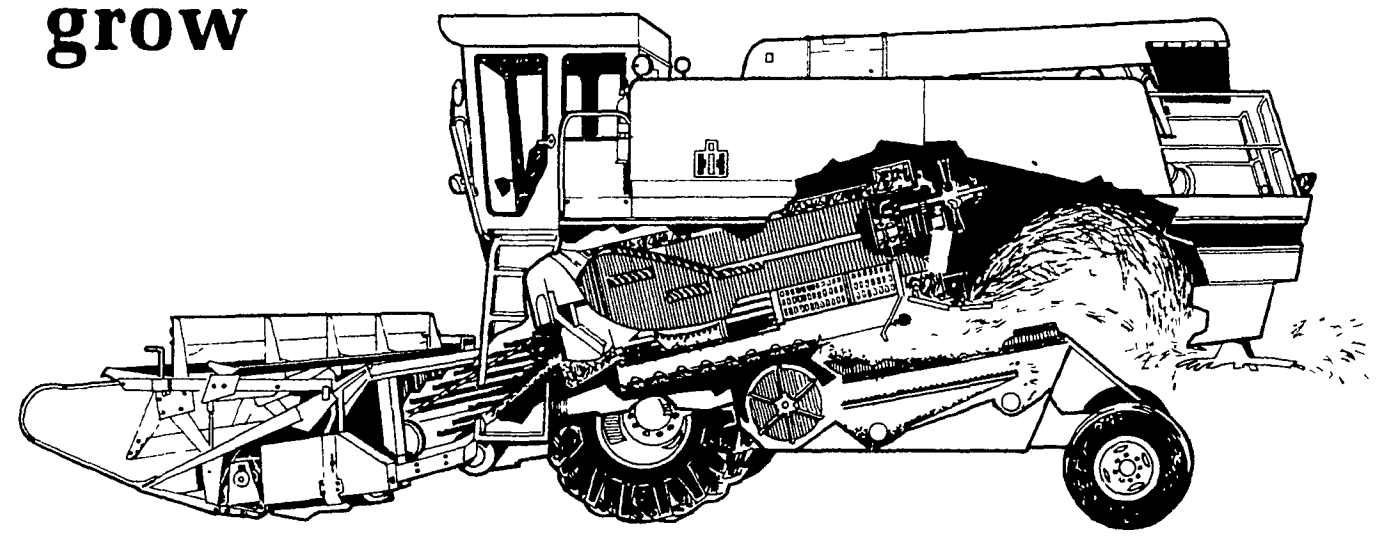

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Switch to Jerseys

(Continued from Page D10)

purchased the Kenyon Jersey herd from Western Pennsylvania. From this time on his efforts have concentrated on increasing his Jerseys and phasing out the Holsteins. Sanderson was also the top volume buyer at the recent Pennsylvania Bred Heifer sale and was able to purchase seven of the top animals.

Throughout his life, Sanderson has worked with Jerseys and Holsteins side by side. "That's the way my whole life has been," he states and he has seen that Jerseys are more economical. "I have nothing against my Holsteins," he states, but adds that Jerseys are much easier to work with. He goes on to explain that pregnancy checks are easier since the Jerseys are more docile, and when it comes to switching cows in the barn, the whole family, including their one hired man, prefer the Jerseys.

Sanderson has also noticed in his herd that if there is a feed change in the ration, a Holstein will drop in milk before a Jersey.

Hopes to be all-Jersey in 2 years

Also sold on protein pricing for milk, Sanderson hopes to have 100% Jerseys in the next two years and states that one of his goals is to milk 150 registered Jerseys.

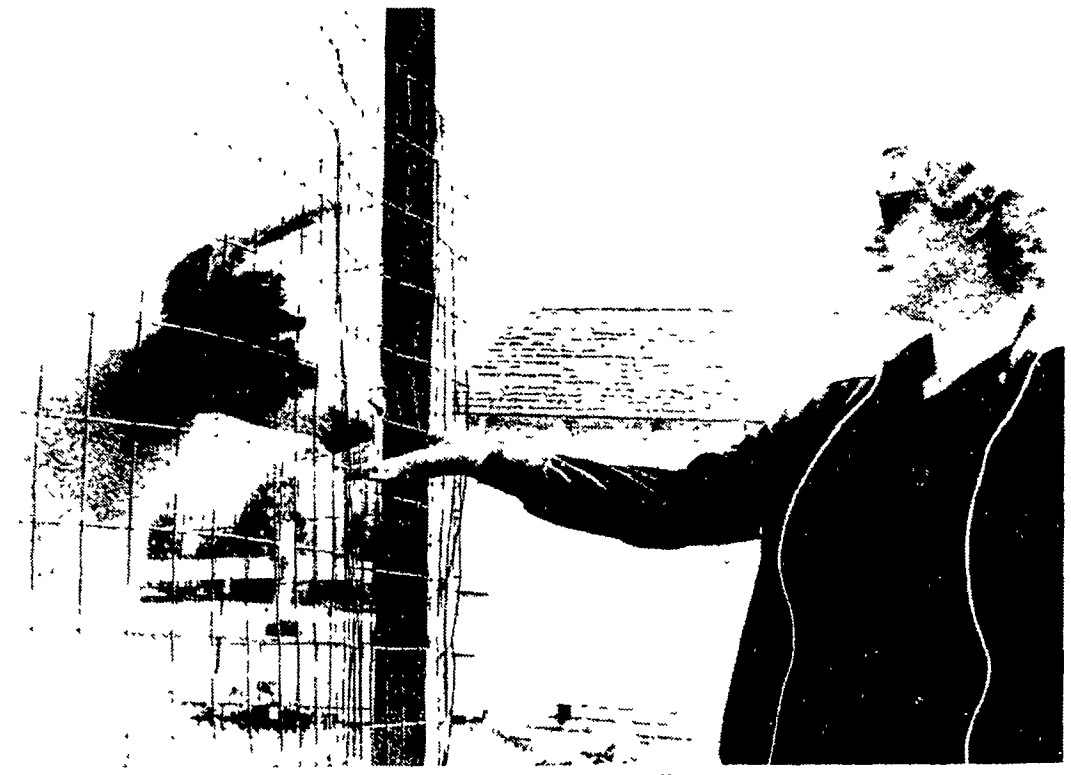
Not trusting anyone to milk his cows, this dedicated dairyman does all his own milking and only missed 4 milkings in 18 years because of illness. Sanderson uses a Universal pipeline system and ships his milk to Dairymen, Inc. an independent from Ohio.

Doing all his own breeding, Sanderson only uses sires in the top ten and is currently using Favorite Saint, Master C, Top Brass, and Soldier Boy.

This Holstein-Jersey dairyman also boasts a family who supports him and his "switch" to Jerseys 100%. His daughter, Ann, the 18-year-old 1982 Crawford County Dairy Princess and also the 1983 Alternate Pennsylvania Jersey Queen, prefers working in the barn to housework. Fourteen-year-old, Steve, along with his mother, Carolyn, raise the calves.

"The thing that excites me the most with a Jersey-you can take a 900 pound cow and get 13,000 to 14,000 pounds, ... she's a better converter," Sanderson concludes.

Trim fields and well-kept buildings are hallmarks of the Poverty Knob farm.



Among Sanderson family pets is Englebert the llama, shown with Carolyn.

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Brockett's Ag Advice

By John E. Brockett
Farm Management Agent
Lewistown Extension Office

Estate Planning IV

During the previous 3 weeks we have explored some possible solutions for a farm estate plan. Now let's look at some other things to consider when developing an estate plan.

Taxes

There are four (4) different taxes that will be involved when setting up an estate plan. Some estate planners only consider one tax - the Federal estate tax. Most consider two taxes - the federal estate tax and the Pennsylvania inheritance tax. Unfortunately only a few consider the two income taxes as well as estate and inheritance taxes. A complete estate plant should consider all taxes for the family. Sometimes a small savings in Federal estate taxes results in a huge payout in income taxes for the survivors. An example: By use of a rule allowing a surviving spouse to claim a 50% interest in certain family farm and small business property, an attorney saved a widow a few hundred dollars. Unfortunately this savings will cost her over $20,000 in additional income taxes over the next few years.

Solution: As with any problem there may be several solutions. One that I like to suggest is to involve an accountant in any estate plan and tentative estate settlement. Furthermore this accountant should be versed on estate tax laws as they relate to income taxes. One way to find out if the knowledge is there is to ask some questions such as (1) Do you know what "stepped up basis" means? If the answer is "yes it is the value assigned to inherited property based on its appraised value for estate tax purposes" you have an accountant that may be a lot of help. (2) Have you worked with an attorney on an estate plan? (3) Can you help me develop an estate plan that balances estate and inheritance tax savings with income tax savings?

Executor - Administrator

As with taxes some estate planners know there should be an executor of an estate. Unfortunately many plans are developed with no clear cut idea of the duties and responsibilities of the executor. In the previous example, a knowledgeable executor could have prevented the error that was made. How do you select an executor? This is not an easy task. Some banks have trust departments with very competent people when it comes to setting up and handling a trust that consists solely of cash or negotiable securities. Some relatives or friends will act as executors very cheaply, but basically will rely on the attorney to do all of the work. A good executor should be able to do so many things that it may take more than one person. Some of their duties.

1. They should have knowledge of both estate and income taxes of they can guide the attorney and family.
2. They should know about farm use valuation to the extent of knowing whether to use it or not.
3. They should have enough fiscal knowledge so they can invest the cash money until disposal.
4. They will have to get and file death certificates to change property ownership.
5. They must be willing to accept responsibility for timely tax filing, administration of estate assets and hiring an attorney or possibly an accountant.

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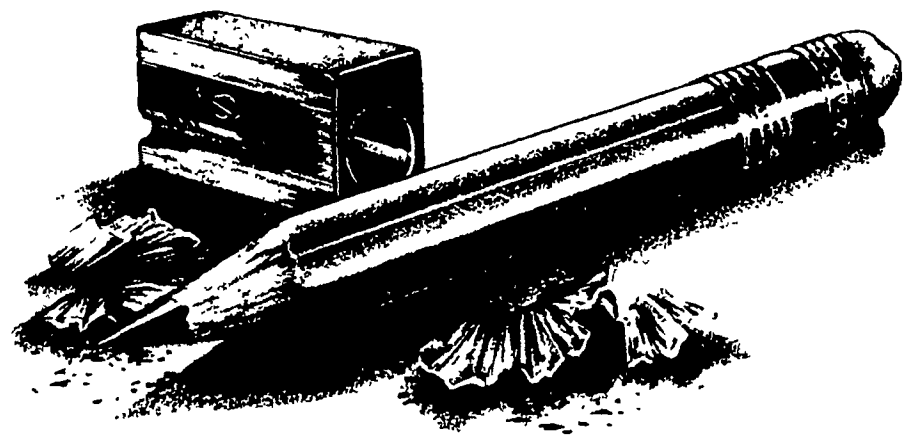

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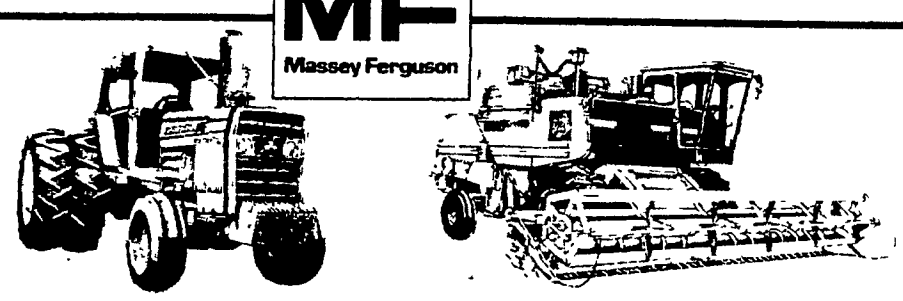

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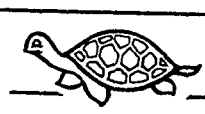

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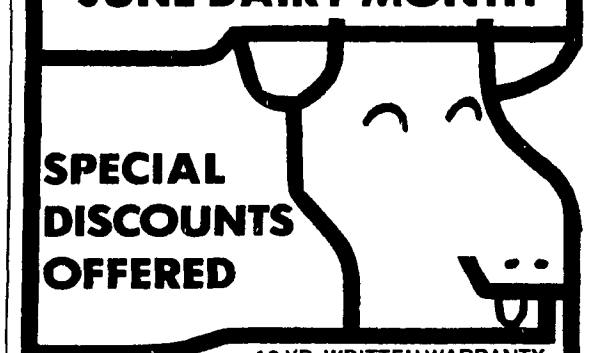

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There could be 1300 foreigners out in fields

UNIVERSITY PARK — More than 1300 foreign insects are believed to be a threat to American agriculture, says Ke Chung Kim, professor of entomology at Penn State.

Kim reported that 83 new foreign insect and mite species became established in the United States from 1960 to 1969. During the 1970's several plant pests from abroad became established in Pennsylvania along, he added.

The Penn Stater is a taxonomist or systematist, a scientist who identifies and classifies insects. Above all, Kim understands the relationships among the various species. He also serves as curator for the Frost Entomological Museum located in Patterson Building at Penn State.

He pointed out that prompt and accurate identification of foreign pests can make the difference between success and failure in controlling harmful pests. Insect taxonomists work closely with animal and plant quarantine officials on early detection of harmful pests, it was noted. This identification service became an important part of the new National Plant Pest Survey and Detection program, Kim said.

"Accurate identification of natural enemies, parasites, and predators is just as essential to biological control and pest management as correst identification of the pest species," he declared.

When a destructive beetle was found on barley and oats in Michigan, identification of the pest as the cereal leaf beetle directed a search for its parasites into Europe, starting in 1963. Mass rearing and release of specific parasites began in 1967. Four of the five parasites introduced into Michigan and Indiana were controlling the cereal leaf beetle successfully by 1972.

Elsewhere, accurate identification was a key factor in controlling the cottony-cushion scale in California. In the eastern United States, with the help of taxonomists, parasites of Japanese beetles were brought in successfully from the Far East.

On the other hand, incomplete knowledge of pest species can "bungle" control efforts. Early attempts to establish parasites to control California red scales failed when no one could distinguish yellow scales and related species from red scales.

Finally, after taxonomists correctly identified California red scales, effective parasites were found in the Far East and were introduced. An error in classifying these same California red scales also sent entomologists (insect scientists) on another "wild goose chase," searching for parasites in South America.

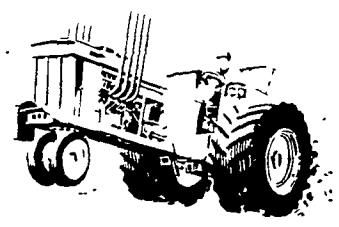
Many parasitic wasps and flies are very much alike and thus are difficult to identify accurately, even by skilled specialists, it was noted. Mass rearing of parasites, especially tiny parasitic wasps, can be contaminated easily by unwanted but related species. Presence of improper species may go unnoticed for some time.

And there are many insect species which look superficially alike among natural enemies, Kim said. That's where accurate identification of a species, based on good description and classification, can be the key to success in biological control, he affirmed.

"Many insect species closely associated with agriculture and public health, like bollworms and mosquitoes are evolving rapidly against manipulation of the environment," Dr. Kim stated.

He said it becomes increasingly difficult to achieve successful pest management and biological control without accurate identification and practical scientific tools.

Tractor Pull Tally



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1. Tim Stauffer, Ephrata, PA., Deutz 8006, 185.9; 2. Tony Stauffer, New Holland, PA., Deutz 9006, 177.4; 3. Dale Smoker, Cochranville, PA., ACD-21, 116.5.

5000 Mod

1. Charlie Brommer, Columbia, PA., Honde/2-440 Dodges 250.0; 2. Bill Almoney, Wrightsville, PA., Ford, 246.5; 3. Gary Mills, Fallston, MD., Honde/turbine, 240.7.

5800 FWD

1. Dan Fellenbaum, Lititz, PA., 69 Chev, 234.9; 2. Mark Hardisty, Easton, MD., 75 GMC, 193.5; 3. Steve Conrad, Port Deposit, MD., 57 Ford, 183.0.

9000 SS

1. Dale Smoker, Cochranville, PA., ACD-21, 242.10; 2. Bob Reiff, Terre Hill, PA., Deutz 9006, 220.6; 3. Tom Middleton, Ridgely, MD., IH 966, 75.4.

7000 Mod

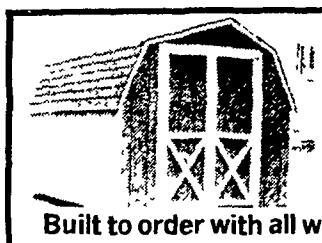
1. Charlie Brommer, Columbia, PA., Honde/2-440 Dodges, 238.9; 2. Gary Mills, Fallston, MD., Honde/turbine, 229.3; 3. Robert Wittenbrader, Lake Ariel, PA., Skidder/Allison, 226.9.

6200 FWD

1. Don Fellenbaum, Lititz, PA., 69 Chev., F.P./220.2; 2. Mike Ziegler, Bird-in-Hand, PA., 70 Chev, F.P./219.11; 3. Mark Hardisty, Easton, MD., 75 GMC, 237.9.

9000 Open

1. Andrew Zielinski, Chase, Md., Case/Detroit, 230.0; 2. Bob Reiff, Terre Hill, PA., Deutz 9006, 229.6; 3. John Keslar, State College, Pa., Honde/4-440 Dodges, 227.5.



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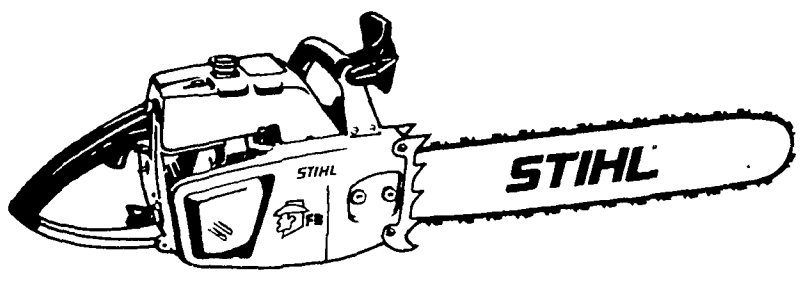

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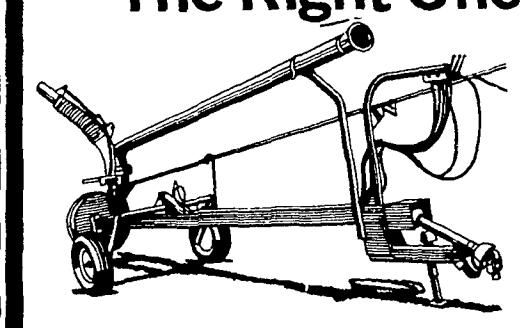

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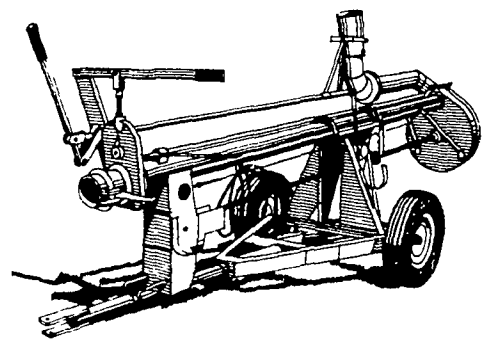

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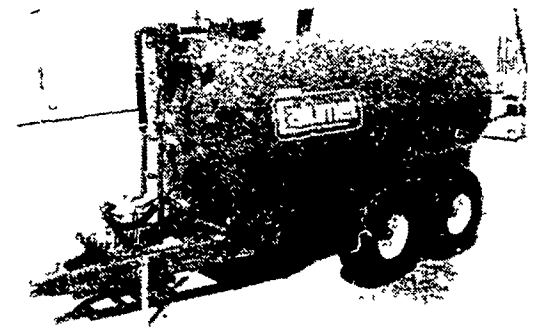

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CUMBERLAND COUNTY DHIA Monthly Report

Pennsylvania Dairy Herd Improvement Association

April 1983

Cumberland County Dairy Herd Improvement records show that 10,644 cows in 165 herds were on production testing in April according to Duane G. Duncan, County Agent. Of the 137 herds on DHIA, 29 herds has an average fat production of 600 pounds. During the month 137 completed their 305 lactation with 650 lbs of butterfat.

The following are the highest of actual butterfat in 305 days or less in the county during the month. The age listed is her age at the time of freshing:

OWNER NAME OR NO.	BREED	AGE	DAYS IN MILK	LBS. MILK	LBS. FAT
Ferman L Landis 34	GH	6	27,874		942
Paul Strock Sally	RH	4	25,393		939
Ashcombe Dover Dairy R 78	RH	4	28,152		910
Ferman L. Landis 26	GH	7	26,719		883
Thrush Brothers 58	RH	7	20,593		861
Ashcombe Dover Dairy 33	RH	5	20,428		846
Clifford Chamberlin Star	RH	4	23,013		845
J B Brymesser 383	RH	3	22,552		845
Samuel D Shenk Ginny	GH	7	23,728		835
Lee G. Davidson Colleen	RH	4	19,290		816
Carl Kelso, Jr. 94	GH	8	22,892		810
J B Brymesser & Sons 405	GH	2	19,593		810
Berkheimer Farms 11	GH	3	20,755		806
Ferman L Landis 5	GH	5	20,514		806
Berkheimer Farms 124	GH	5	20,854		805
M. Thomas Sheaffer Taffy	RH	6	23,293		804
Berkheimer Farms 69	GH	8	22,317		803
Ashcombe Farms 291	GH	4	17,756		803
Berkheimer Farms 18	GH	5	22,006		800
Milk Way Farms 173	GH	4	21,844		797
Ashcombe Farms 325	RH	7	25,643		796
Berkheimer Farms 52	RH	6	22,347		796
Berkheimer Farms 144	GH	4	19,202		793
Thrush Brothers 34	RH	5	18,869		792
Paul B. Sensenig Canda	GH	7	17,760		791

OWNER	BREED	NO. COWS	% DAYS IN MILK	LBS. MILK	LBS. FAT
Ferman L. Landis	B3	39	90	19,686	767
Berkheimer Farms	B3	143	87	18,803	702
Sundays Vallilea Farms	B3	149	89	20,474	699
M Thomas Sheaffer	3	56	86	18,991	683
Carl Kelso, Jr.	B3	56	89	18,488	676
Paul B. Sensenig	B3	35	88	17,845	665
Elmer Gettle	B3	49	88	17,053	649
Donald M. Leatherman	B3	36	89	17,308	646
Ashcombe Dover Dairy	B3	269	86	18,152	645
J David Martin	B3	41	88	17,280	645
Thrush Brothers	3	104	88	17,444	644
Paul Strock	3	128	87	18,090	642
Ashcombe Farms	B3	261	85	17,913	641
Samuel D Shenk	B3	59	85	17,867	641
J. Shephard Wolff	3	52	89	17,490	641
Clifford Chamberlin	3	40	85	17,517	639
Norman Hertzler	3	35	88	17,550	636
John E. Lapp	B3	43	85	17,071	632
Fred B McGillvray	3	34	90	17,223	631
Nevin Shughart	B3	31	86	17,549	630
Alfred Gaisler	B3	44	87	16,916	626
Robert & Donald Strock	3	97	90	16,822	622
Marlin Miller & Sons	B3	46	86	17,227	616
D Clinton Sauder	B3	46	91	16,990	614
Lee A Hoover, Jr	B3	29	90	16,944	609
Roy L & James Miller	B3	47	86	16,395	605
Lee G. Davidson	3	57	86	16,084	605
Donald & Dave Lehman	3	67	85	16,571	604
John F Stoltzfus	3	46	88	16,990	603

SCHUYLKILL COUNTY DHIA
April 1983

The following are reported from the production report for April based on a 365 day Rolling Herd Average. Only those herds with an average production of 650 pounds or more of butterfat are reported.

OWNERS	NO. COWS	LBS. MILK	LBS. FAT
Carl A Farms	62.9	20,472	760
Miller & Rex, Inc.	32.8	18,831	755
Brian Ruch	24.3	19,280	748
Paul & Ken Wagner	61 3	19,059	703
Bruce Leatherman	79.3	20,215	698
Heisler Brothers	67.3	18,582	697
Elam Z. Stoltzfus	41 4	18,812	665
Suntrail Dairy Farm	52.0	18,304	654
Raymond Reichwein	29.7	16,400	654

Lactation Report

The records are based on 305 days or less, 2x actual production. Only cows with 750 pounds or more of butterfat are reported.

OWNER NAME or NUMBER	AGE	LBS. MILK	LBS. FAT
Miller & Rex, Inc Marge	5-6	25,757	974
Bruce Leatherman Hollie	10-10	28,241	924
Raymond Reichwein Genny	7-10	21,041	890
Elam Z Stoltzfus 49	8-5	22,921	861
Bruce Leatherman Terri	4-1	20,691	849
Heisler Brothers Dixie	9-7	20,830	842
Carl A. Farms Iris	3-3	20,920	834
Lester D Moyer Pansy	7-7	21,997	824
Heisler Brothers Allene	7-3	16,343	814
Paul & Ken Wagner Molly	5-7	22,689	813
Elam Z Stoltzfus Sadie	6 5	19,761	810
Heisler Brothers Marie	6-8	21,800	800
Paul & Ken Wagner Nora	5-9	21,181	800
Bruce Leatherman Cathrin	6-3	24,203	791
Paul Heisler Korrine	5-0	21,370	791
Elam Stoltzfus Lillian	0-0	15,302	783
Paul & Ken Wagner Tessie	7-2	19,989	781
Snyder Brothers Windex	2-11	19,202	775
Elam Stoltzfus June	0-0	14,059	773
Bruce Leatherman Isabel	8-3	20,373	760

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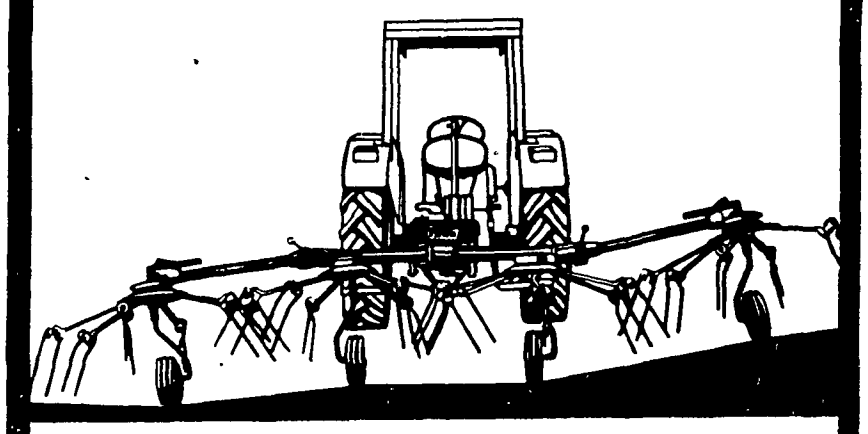

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CENTRE MORELAND, PA Ted Montross Farm Equip
CHESTERTOWN, MD Bay Sales & Service
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MCCONNELLSBURG, PA McConnellsburg Motor & Equip
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PENN RUN, PA Manor Motors
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River celebration

"Early explorers were overwhelmed when they first paddled up the Susquehanna River. On June Eighteenth central Pennsylvania again can be overwhelmed by the endless resources of the river a tthe first annual Susquehanna River Celebration." A recent interview with Duayne Forsberg, Chairperson of the River Celebration Planning Committee, highlighted the celebration's schedule of events.

The river celebration is the local observance of two larger events during June: American Rivers Month and Pennsylvania Rivers Month. A full day of "family style" recreation and entertainment will flourish along Harrisburg's beautiful River Front Park from 10:00 A.M. to 5:30 P.M. on Saturday, June Eighteenth.

Sponsored by local conservation and recreation groups the celebration will observe the river's outstanding aesthetic, economic and recreational values. "With a 27,500 square mile drainage basin the Susquehanna deserves proper management. All of us benefit from the river's resources. To some it's fishing for smallmouth bass and for many it's their source of electricity."

"Both natural history and man's history of the area will be presented in various ways." Forsberg stated that two "living history" programs reinacted by Harold Dellinger of York are early American History and the American Indian. John Harris Mansion tours will be conducted by the Historical Society of Dauphin County all day. Two popular speakers, Ron Mowery and Bob Hill will lead walks to discuss river geology and flora and fauna.

Among the recreation events, a seven mile down river canoe race is scheduled to start at 1:30 P.M. at the Fort Hunter Access Area and finish at Walnut Street. He added, "various classes were established for fair competition." For registration call either the Canoe Club of Harrisburg - 566-2629 or the City's Parks & Recreation office at 255-3020.

Other attractions include: a State Police Scuba Team Demonstration showing rescue and recovery techniques, a program on Birds of Prey by Zoo America and interprative historical pontoon boat rides. A celebration highlight containing "unknown riches" is an island to island treasure hunt. To obtain information call the D.C. Parks & Recreation office at 255-1369.

"We'll have over fifty participants. Most of the groups will have exhibits on conservation and natural resources, that's not including some two dozen wildlife artists and craftsmen. Forsberg added that, "street performers will add a casual feelling and concession stands can satisfy your hunger. We'll even be using a 20x40 tent as a theatre for informative and entertaining shows."

The River Celebration received official endorsement from Harrisburg's Mayor and the Dauphin County Commissioners. Both have proclaimed June as River Month. Commissioners Minnich, Hetrick and Hochendoner will join Mayor Reed for an opening ceremony. An unusual twenty gun salute will be fired by members of the Susquehanna Powderhorns dressed in buckskins. Each member will fire in two vollies using muzzelloading rifles.

"The opening ceremony starts at one o'clock, just about the time hundreds of inner tube floaters will arrive from the Governor's Mansion." Anyone can join the inner tube float by calling 255-1369.

To complete the River Celebration a special evening program at the William Penn Memorial Museum Auditorium at 7:30 P.M. See related story.

Sunday, June 19, 1983 is the scheduled raindate and the canoe race will run, rain or shine on June 18.

River conservation Forum

Top ranking national and local water and river resource experts are scheduled to participate in a Rivers Conservation Forum in conjunction with the Susquehanna River Celebration on Saturday, June 18th.

Current congressional and administrative legislative actions on the National Clean Air and Water Acts will be addressed.

The panel of speakers and topics include: Roger Fickes, Pennsylvania Department of Environmental Resources will speak on Pennsylvania Scenic Rivers Program. Daniel Weiss of Izaak Walton League of America will talk about the National Clean Water Act. Jeff Schmidt, Pennsylvania Sierra Club will give a Pennsylvania Perspective on Acid Rain. Christopher N. Brown, American Rivers Conservation Council will speak on the National Wild and Scenic Rivers System. Carl Osborne, Chesapeake Bay Foundation will speak on the Susquehanna River's Impact on the Chesapeake. David E. Ball, Dauphin Co. Conservation District will talk about the Mason-Dixon Erosion Control Area. Glenn Eugster, National Park Service will address Federal Assistance for Local River Protection.

Open to the public without charge the two hour program starts at 7:30 P.M. in the William Penn Memorial Museum Auditorium. Moderator of the Forum will be Bruce Cutler, a Harrisburg reporter who writes on environmental topics.

Guernsey Breeders on the move

LANCASTER — Effective June 15, 1983 the office of the Pennsylvania Breeders' Association will be moving from its Lancaster office to an office in Chambersburg.

The move was approved by the Board of Directors of the PGBA during a board meeting on March 17. According to PGBA spokesperson, Ruth John, the PGBA hopes to consolidate its services by the move.

Ms. Ruth said the Association will continue to function as it has in the past at the new office, and that the move will not affect the services offered to members.

The new address will be: Pa. Guernsey Breeders' Assn., 3107 Sollenberger Drive, Chambersburg, PA 17201. Phone 717-263-3367.

Lee Yost, business manager for PGBA will also be moving his home office this month. Effective June 20, Yost's new office address will be: P.O. Box 360, Benton, PA 17814.

Yost and Ruth believe the move will better enable them to improve field service by making more farm visits. - TW

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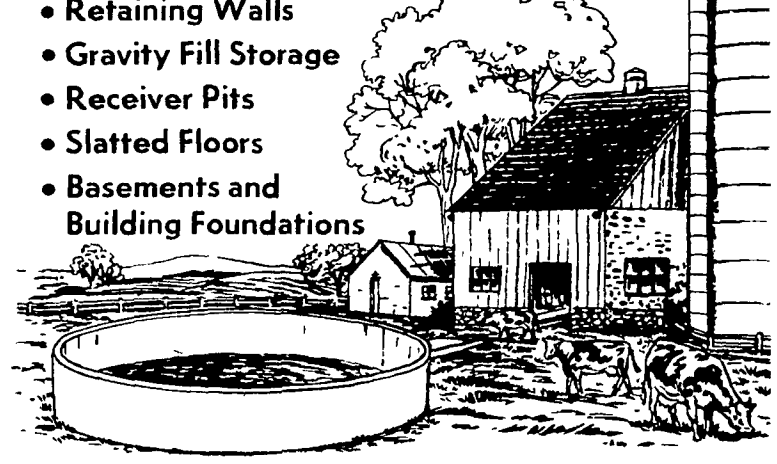

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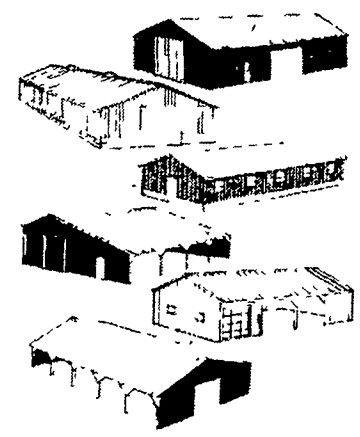

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Bradford County DHIA Monthly Report

Pennsylvania Dairy Herd Improvement Association

April 1983

This reports all DHIA cows that have produced 750 lbs. of butterfat or more in 305 days.

OWNER NAME OR NUMBER	BRD	AGE	DAYS IN MILK	LBS. MILK	LBS. FAT
Mapoval Farms Inc					
S Kib	3	4	305	18,807	817
Bruce-Leslie Bresee					
Okra	3	3	305	18,962	802
Hazel	3	3	305	19,363	900
Carmen	3	3	305	19,208	928
Sherry	3	3	305	15,834	791
Wilcox Brothers					
Valor	2	4	305	16,974	771
Dale Mattocks					
Shelly	3	4	305	17,431	765
Russell L. Jones					
Pam 10	3	7	305	25,192	1049
Leah	3	5	305	21,233	884
Roe Russell Jr.					
386	3	9	274	18,450	816
Thomas McCarty					
265	3	4	305	20,668	766
John H. Howard & Sons					
Sunray	3	9	305	18,607	754
Shumhurst Farm					
Pallid	3	4	305	18,512	788
Richard Sturdevant					
Bell	3	4	305	19,004	750
Glen & Arlen Landis					
Lorrie	3	6	305	18,667	757
Wendy	3	6	305	20,304	752
Dawson & Dave Moon					
Jackie	3	4	302	19,656	758
Stanley Saxton					
Christy	3	5	305	22,348	866
Ben Jackson					
Connie	3	5	305	19,590	809
Marvin Berry					
C63	3	3	279	18,595	761
Ford Ridge Farm					
Duchess	3	9	305	20,368	858
Cyndy	3	4	305	27,750	1023
Rita	3	3	305	23,396	1016
Robena	3	5	288	19,257	954
Margold	3	2	305	17,971	663
Robert & Anna-Marie Cole					
Margie	3	7	305	19,918	775
Syble	3	5	305	18,596	830
Timothy Brennan					
Sophia	3	3	305	19,044	757
Springcroft Farm					
Minnie	3	4	305	23,033	876
Lou & Jeff Warner					
Crystal	3	9	305	18,164	753
Elmer Comstock					
Emperor	3	9	305	25,725	1039
Richard H. Packard					
Bing	3	4	305	20,122	901
Fivebrooks Farm					
Patrice	3	9	305	26,201	905
Robert Taylor					
Candy	3	7	305	18,705	759
Donkey	3	4	289	20,827	802
H.W. Russell & Sons					
31J	3	7	305	17,793	765
34H	3	5	278	17,014	777
Richard B. Reagan					
Tonya	3	3	305	17,864	824
Richard Jenkins					
Sue	3	8	305	19,060	837
Pinetop Farm					
Rose	3	4	292	18,745	751
Le Canville Farm					
Maria-A	3	4	305	19,044	773
Cragle Knolls					
Patty	3	8	305	18,910	820
Kenneth L Prince					
2301	3	7	268	22,275	982
2305	3	7	305	21,702	857
2342	3	4	305	19,061	751
Carl McClelland					
Charity	3	5	305	23,364	948
Bob & Tom Murray					
78	3	4	305	25,042	801
Roy & Tim Beardslee					
48	3	8	305	21,112	821
56	3	5	305	20,038	778
Lazzell Watkins					
7	3	5	304	21,792	757
Braund Valley Farms					
Stacey	3	6	305	19,663	896
Kit	3	4	305	22,611	773
Tish	3	3	305	20,062	796
Matt Will					
Sharon	9	8	301	23,971	899
Mary	9	9	281	19,268	915
Gracey	9	3	305	26,872	900
Arthur D. Wolf					
29	3	6	305	20,998	862
45	3	5	305	18,875	888
Allen S. Andrews					
Lindy	3	7	305	25,861	860
Freckle	3	4	305	22,586	813
Trixie	3	3	305	22,855	890
Ter-Mar Farm					
Loraine	3	8	305	18,599	814
Dinger Brothers					
Dawn	3	7	305	19,781	810
Walter G. Wheaton					
64	3	7	305	19,225	887
Earl J. Gamble					
Elnora	3	9	305	17,587	752
Ronald P. Davis					
Tina	3	8	305	19,718	1007
Beth	3	6	305	25,431	1039
Wilford Heater					
Flame	3	5	305	19,433	850
Donald Jennings Jr.					
70	3	9	305	26,587	894
143	3	6	305	19,915	858
8	3	4	305	21,589	789
9	3	4	305	22,598	973
Snowcrest Farm					
Angel	3	3	305	20,762	883
W and R Vanblarcom					
87	3	4	305	22,327	817
Elsbree Brothers					
112	3	7	305	16,747	930
1	3	2	305	15,618	807
Peck Hill Farm					
123	3	7	305	22,206	900

(Turn to Page D18)

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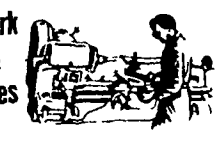

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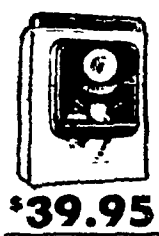

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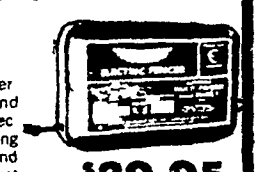

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Franklin picks poster winners

CHAMBERSBURG — The 1983 Poster Contest winners were announced recently by the Franklin County Conservation District. This year's theme was "Conservation is Survival". Over 130 posters were received from the Chambersburg Area School District, Fannett-Metal School District, Tuscarora School District, and Bethel Christian Academy.

First Place was awarded to Mike Myers, son of Mr. and Mrs. Leroy Myers, 9402 Garnes Road, Mercersburg. Mike, a student at Montgomery Elementary School, received a certificate, blue ribbon, and $15. His poster will be entered into the State Poster Contest sponsored by the Pennsylvania Association of Conservation District Directors, Inc.

Kent Wolf, son of Mr. and Mrs. Melvin Wolf, 580 Walker Road, Chambersburg, received a certificate, red ribbon, and $10. He is a student at the Falling Spring Elementary School.

Third place winner Jody Hoover, the son of Mr. and Mrs. Clark Hoover, 7845 Sweetwater Road, Fort Loudon, received a certificate, white ribbon, and $5. Jody is a student at the Fannett-Metal Elementary School.

Honorable Mention Certificates were awarded to: Ira Crook and Teresa Fisher, students at Mountain View Elementary School; Timothy Martin, a student at Montgomery Elementary School; Bonnie Bingman and Nicole Tilley, students at Bethel Christian Academy, and Angie Bailey, Roy Ryder, Jeremy West, and Dawn Hampton, all students at Fannett-Metal Elementary School.

Bradford Co. DHIA

(Continued from Page D17)

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Kerryview Acres Jewel 2	3	2	305	21,542	755
Barry Bradley Polly J	3	7	305	19,758	881
Lawrence W. Swartley 38	3	7	305	18,763	805
Stuart Wrisley Melanie	3	4	305	19,949	787
James & Diane Elvidge Lana	3	4	305	22,956	858
Ja-Jen Farms Cathy	3	3	305	17,830	786
James T. & Betty Davis 28	4	7	291	13,228	751

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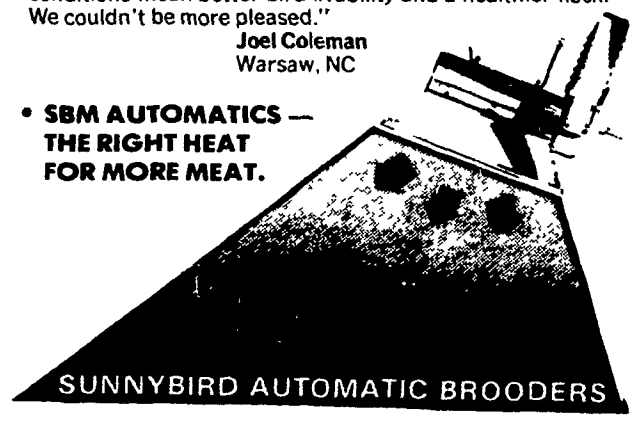

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Md. plans farm visitation day June 26

COLLEGE PARK, Md. — It's time again for urban youngsters to cuddle a calf, love a lamb or pet a pig, as 14 farms in six Maryland counties between the Chesapeake Bay and the Potomac river prepare for the seventeenth annual Farm Visitation Day on June 26.

This year's "Welcome Farms" are scattered in an hour-glass configuration centering on the Baltimore-Washington-Annapolis metropolitan corridor. Open house hours are 1 to 5 p.m.; but visitors are welcome to stay later at participating dairy farms to watch milking operations.

This "stay-late" invitation includes a dairy goat operation in Calvert county, reports Martha M. (Marcie) Becker, Extension coordinator of special events at the University of Maryland in College Park.

Other participating counties for the traditional fourth-Sunday-in-June event are Anne Arundel, Baltimore, Charles, Harford and Montgomery.

An additional four farms in Washington county will participate in the fourth annual Farm Visitation day for western Maryland residents on the first Sunday in September (Sept. 4). This fall date permits vineyards and apple orchards in the area to show off their bounty.

For the upcoming June event in central and southern Maryland, Farm Visitation Day participants will be able to see crops of small grains nearing harvest, cornfields planted by the no-till method, roadside farm markets and pick-your-own fruit and vegetable operations.

Other stops include a winery in Baltimore county and tobacco farms in Calvert and Charles

counties. The Charles county host farm also grows sunflowers, horseradish and potatoes on a commercial scale.

Intended to give urban families a close look at their rural neighbors, Farm Visitation Day is sponsored each year by the University of Maryland's Cooperative Extension Service with assistance from major farm organizations in the state.

Local committees have been active in most of the participating counties, planning details for hosting the event at designated farms. Many of the host farms will offer light refreshments, free of charge, with cold milk a likely prospect at participating dairy farms.

Directions to the host farms are listed in a free Farm Visitation Day brochure, titled A Family Affair (Leaflet 86). The leaflet is available from offices of the Cooperative Extension Service and public libraries in the participating counties.

Leaflets will also be distributed at both offices of the University of Maryland's Cooperative Extension Service in Baltimore. For these locations, call (301) 396-1753.

Additional information is available from the Extension coordinator of special communications at the University of Maryland in College Park; phone: (301) 454-4064 or 454-3712. Call during regular office hours on weekdays, or on Saturday, June 5.

Maryland cows outmilking the NE

COLLEGE PARK, Md - Cows in Maryland, on the average are now out-producing cows in Pennsylvania and New England, according to John W. Wysong, professor of agricultural economics at the University of Maryland.

Data compiled by Wysong show that cow efficieny in Maryland, in terms of annual milk and milkfat produced per cow, has surpassed the levels attained by dairymen in Pennsylvania and New York. Prior to the 1970's Maryland's average milk and milkfat production was below that of New York and Pennsylvania.

The data shows Maryland's average milk production for 1982 at 12,959 pounds and 473 pounds of fat. Pennsylvania follows with 12,690 pounds of milk and 462 pounds of fat. New York's average for '82 is 12,129 milk and 439 fat. The average for the United States for 1982 is 12,316 pounds of milk and 450 pounds of fat.

There has been a major upward shift in average levels of milk and fat produced per cow annually in all states, regions and for the nation as a whole since 1940. The rise in average production per cow in the U.S. was offset by a declining number of milk cows from 1945 until 1979. Since 1979 total cow numbers nationally have moved back toward the 11.1 million level even though the numbers of farms with cows milking has declined.

The new record Maryland levels in milk fat and nonfat solids per cow have resulted from many techinical and economic factors such as improved genetics, more and better feeds, better herd and cow management. Better farm and financial management activities of the University of Maryland extension and resident teaching and research have facilitated this adjustment. These changes have occurred in spite of less favorable climatic conditions in Maryland.

Record levels of total milk output in the U.S. and Maryland have resulted from higher milk production per cow even though milk cow numbers were down to 122,000 head in Maryland and 11.0 million head in the U.S. in 1982. As recently, as 1975, U.S. production of 115.4 billion pounds of milk was produced from 11.1 million head of milk cows which averaged 10,360 pounds milk per cow annually.

Pennsylvania has had higher milk cow numbers as well as higher milk sold per cow in recent years which has resulted in major increases in total milk production in Pennsylvania and in Federal Order #4. This has caused lower blend milk prices and higher class II utilization rates.

In 1950, approximately one ton of grain per cow was fed in the Northeast compared with an estimated 2.5 tons per cow in 1982-83. The increased quality and quantity of forage consumed per cow combined with the greatly increased concentrate feeds fed annually have been major factors underlying the increased milk sold per cow in Maryland and other Northeastern states. Maryland has now surpassed Pennsylvania as well as New York in output per cow.

Higher rates of output per cow combined with higher average numbers of cows handled annually per worker have resulted in substantially larger output of milk and beef per worker employed on Maryland farms. The fact that DHIA herd averages in U.S. and Maryland are higher than current statewide average levels of milk output per cow indicates that there is still much potential for extension activities to increase milk output per cow. This type of adjustment will assist in raising labor productivity on Maryland dairy farms.

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Using production costs to figure price supports

(Editor's Note: Should costs of production be used as a basis for establishing milk price supports? Would that system be better than the present parity system? But how do you measure costs of production? These and other questions have been explored in a detailed "Critique of Cost of Milk Production Estimates and Their Use in setting Price Supports" prepared by Blair J. Smith, associate professor of agricultural economics at Penn State. It wil continue in Lancaster Farming throughout June.)

Accounting procedures for establishing values for costs and returns

Cash costs and returns

Establishing values for cash costs and cash returns is relatively easy Cash costs are, simply, what the dairyman paid for items at the time of purchase Included here are consumables those things that cannot be used more than once such as feed, labor, and medicines - and those things, although usable more than once like tools, teat cup inflations, and replacement parts, that are of such low value as not to warrant putting them on a depreciation schedule Values for items sold for cash are, similarly, what the farmer received from their sale. Included is the primary dairy farm product, milk, as well as any possible products of secondary importance such as dairy beef, hay or other crop of livestock products that also might be sold off the farm.

Non-cash costs and returns

Establishing values for most non-cash items is much more difficult than for those that are bought or sold for cash for at least two important reasons. One is that there may not be a well-established market in which values for particular items are regularly determined. What, for example, is the value of a certain make and model of corn planter that has been used to plant a total of 130 acres over a period of three years, but has been allowed to sit outside for half of that time? Or, what is the real worth of the services of a 13-year-old daughter who "usually" brings the cows in from the pasture and "sometimes" feeds the calves, irrespective of what the dairyman pays her for purposes of income tax reporting?

The other important source of difficulty in establishing values for non-cash costs and returns is implied in the example of the 13-year-old daughter above. That is the one of measuring or keeping track of the quantities of non-cash items. How many hours did the daughter actually put in? How accurately can carryover stocks of feed, hay, fertilizers, and chemicals - in short, changes in inventories - be measured? Which items should be included in such estimates of inventory values? Purchased feed surely would be included. Minor hardware items such as nails, nuts, and bolts would not.

In light of the two primary sources of difficulty in establishing estimates of values for non-cash costs and returns, how might one then proceed? Perhaps it would now be useful to discuss the non-cash items one at a time.

Capital assets

We are concerned here with changes in the value of assets during the accounting period of interest. If the value of an asset increases (appreciates), a potential return to the business is generated. If the value decreases (depreciation takes place), a potential cost is generated. These are but potential costs and returns because they become real only if the asset is disposed of during the accounting period - hence the term, non-cash.

Capital assets usually are considered to be of two kinds, depreciable and non-depreciable. The only non-depreciable asset of importance to dairymen is land, inclusive of permanent improvements. Most other capital assets - fences, buildings, machinery, etc. - are depreciable because they diminish in productivity or efficiency with either or both time and use, or in value due to obsolescence, independent of changes in value due to changes in price levels.

Land may change in value because of changes in its permanent features or because of changes in price levels. Some land is necessary for every dairy farm, so if it has any value at all, it is a factor in the cost of producing milk. There are basically three ways of valuing land:

(1) at acquisition cost plus the cost of permanent improvements.

(2) at its value in use capitalized at opportunity rates of return on

Blair J. Smith

alternative investments, and

(3) at current market value.

Only the second method would seem to need further elaboration, and the following example will be used by way of a very simple illustration. Suppose the most profitable use for a particular piece of land is in corn production, and the following data apply:

Costs of producing

Total cost of producing and harvesting corn $2.00 per bushel. Market price for corn $2.50 per bushel. Yield of corn, per acre 100 bushels. Relevant market rate of interest 10 percent. Net profits per acre $0.50 x 100 = $50.00. Capitalized value of land, per acre $50 ÷ 0.10 = $500.00.

It's virtually certain that each basic method of valuing land will result in a different estimate. Furthermore, the differences are likely to be quite substantial. With each different estimate of the value of land is implied a different estimate of the cost of land to the dairy farm business.

Capital assets other than land usually are valued according to an established depreciation schedule for purposes of simplicity in bookkeeping and tax accounting. The cost of a depreciable item is the change in value of that item, its depreciation, during the accounting period. Most depreciation schedules are based strictly on time and are independent of actual use. Thus they are not completely accurate estimates of changes in values of most assets since use commonly varies over time. The accelerated depreciation schedules that are practiced under existing tax laws probably create even greater divergence between "book" costs and the "true" costs of much new capital investment. Nevertheless, almost every estimate of the cost of producing milk ever made takes depreciation as given - a function of time - because determining the cost of depreciable assets on the basis of

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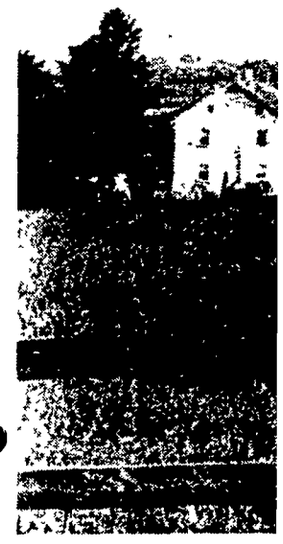

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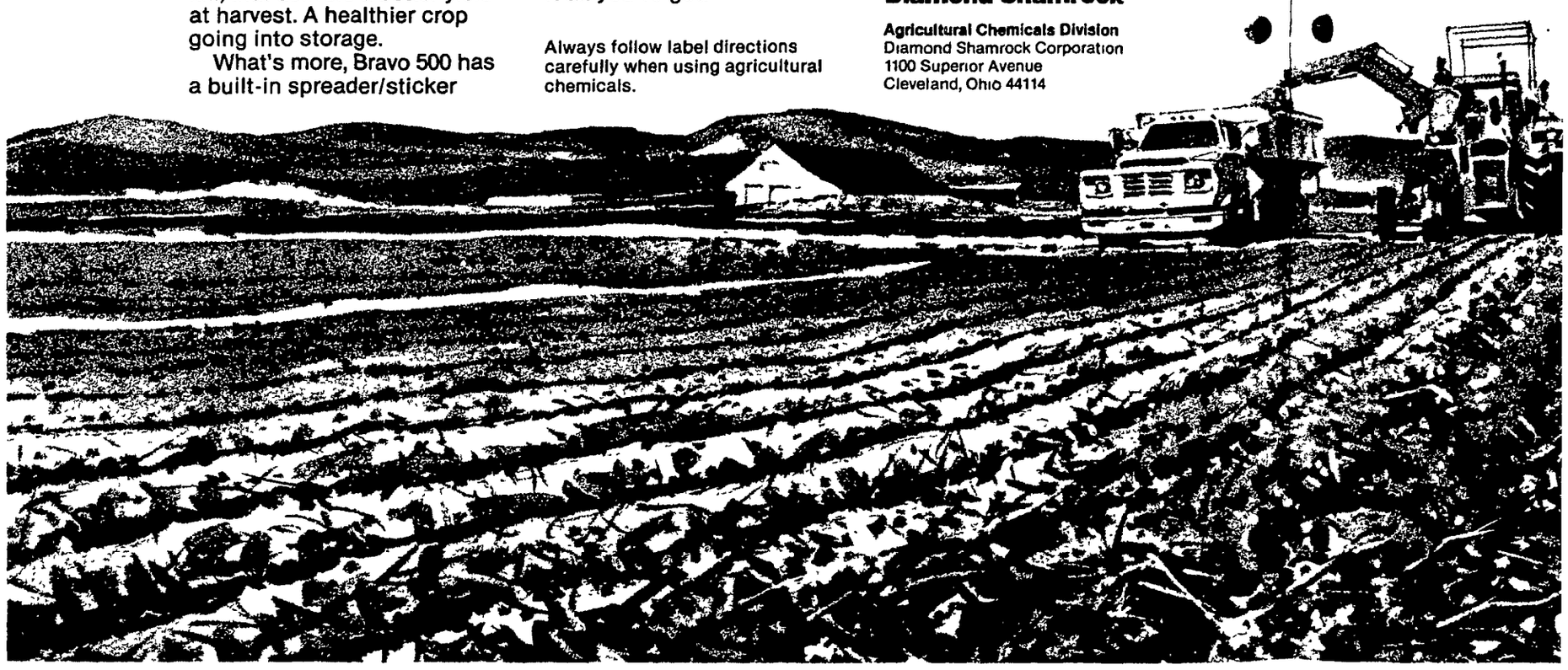

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Using production costs

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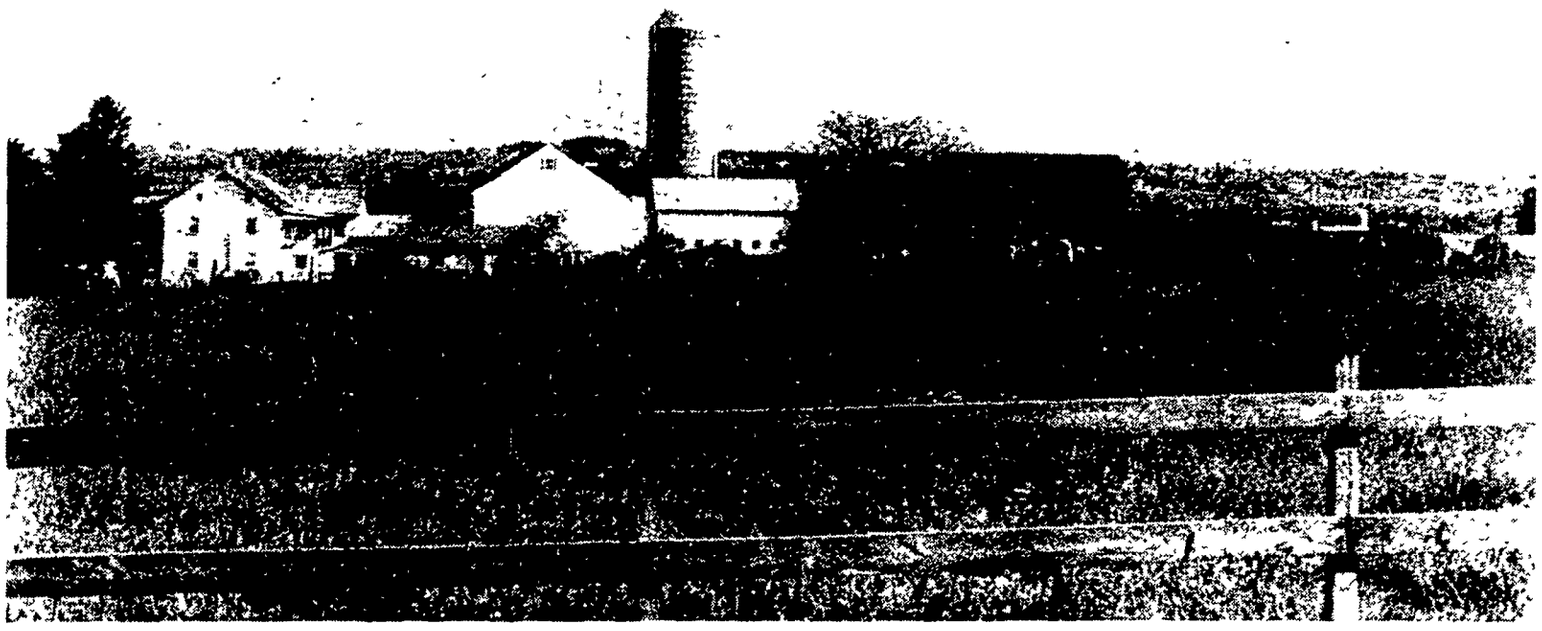
use would be prohibitively time-consuming.

Much of the "error" that most timebased depreciation schedules generate is corrected when the asset is sold, as opposed to simply being traded. This is accomplished through the capital gains and losses computations as discussed in an earlier section of this bulletin. Capital gains become income in the year they are shown and hence are a delayed partial offset to excess depreciation shown as costs in earlier accounting periods. Similarly, capital losses are a way of later charging the business with costs that were actually incurred earlier. The general structure of our tax laws encourages delaying the payment of taxes, and this makes money available for other uses before it is actually earned. This has the effect of lowering income taxes to



dairymen, hence lowering the estimate of the cost of producing milk.

Dairy is special

Dairy cattle are a special class of capital assets. Land was said never to depreciate, and most other capital assets never aprreciate - with certain obvious exceptions in times of rapid general price inflation. Given constant price levels, dairy cattle follow a cycle of appreciating then depreciating values as they grow from new-born calves to mature cows of advanced age. Under present tax laws, depreciation on dairy cattle may be claimed only if the animal was purchased, rather than raised at home. This is not unreasonable, as much of the value of home-grown cattle is embodied in farm costs already shown elsewhere on current or earlier tax returns.

The sale of a purchased animal intended to be used for breeding or milking purposes, or of a raised animal kept for the same reasons for two years or more, is handled as a capital gain or loss in the manner described above the capital equipment. In terms of estimating the cost of producing milk, the effects of the procedure are approximately neutral when the mix of raised and purchased animals and the age distribution of the herd is not changing very much. In this case it may be appropriate, and is certainly convenient, to assume that the appreciation in value of the younger cattle is equal to the depreciation in value of the older cattle. When either the mix of raised and purchased animals or the age composition of the herd is changing, however, costs in the current accounting period will probably be overstated or understated in some degree.

Values of inventories of consumable assets

The quantities of consumable assets in inventory probably do not change a great deal over a long period of time, but they may change a great deal in any one year. Consequently, they must be included in any estimate of the cost of producing milk that is based on just one accounting period, presumably one year. The problems of measuring changes and assigning values have already been mentioned. The rationale for doing so seems so clear and inescapable, however, that to develop it any more fully here would only belabor the obvious.

Risk factors

Risk factors are defined here to include the labor of the farm owner-operator and his or her family, the owner-operator's management, and equity capital. How values for these items might be estimated now follows.

Operator and other unpaid family labor, when included in cost of production, conventionally involves an estimate of the hours spent working on the dairy farm. Then, the operator's labor is valued at its estimated opportunity cost, often at the prevailing manufacturing wage paid in the area. The labor of other unpaid family members usually is valued at the hourly wage rate for farm workers without room and board. This latter rate usually is lower than the manufacturing wage rate and is used for other unpaid family labor because that labor ocmmonly is presumed to be younger and less skilled than that of the operator.

Owner-operator's management is probably the most difficult of all items to value. There simply is no well-established market for the types of skills required to manage a dairy farm. Several bases for estimating the value of management have been used or proposed, however. One is to assume the value is equal to some percentage of gross income, the basis on which many professional farm managers or farm

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Farm production costs

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management services make their charges. One weakness of this approach is that so few dairy farms are managed under such arrangements that any rate used would have to be highly arbitrary. Another weakness is that professional managers do not, indeed cannot, exactly duplicate the services of owner- managers. Then too, basing management charges on gross income probably places too much emphasis on product prices - a variable almost totally beyond the control of the manager.

Alternative

An alternative to basing management values on gross income is to base them on costs - an indication of the quantities of resources handled. This approach suffers from many of the same weaknesses as the gross-income approach, but does have the same appeal of simplicity.

A third measure of the value of management is to estimate what the farm owner-manager would make - or could have made - in a suitable alternative career. This approach does not hold a great deal of promise since so few alternative occupations can be closely equated with dairy farming. Furthermore, we don't know who among us would have been dairy farmers had other circumstances prevailed. Nor do we know what present dairymen would be doing had they decided not to become dairy farmers.

The final method of estimating the value of management is to treat management as the residual claimant of income: That is, what is left of farm income after all other costs have been subtracted. Using this approach, management is than worth what it earns. Before this calculation can be completed, however, some assumption about the returns to the owner's equity must be made. This involves two things: The estimate of the level or amount of equity and the application of the appropriate rate of return to that equity. Both the owner's management and equity are "risk" factors, and the payment of one ahead of the other is quite arbitrary. However, since the capital investments market is so highly organized, it is relatively easy to discover a cost of capital.

If the "cost" of management is simply what it earns, then studies show it is highly variable across space and time. In fact, it is not uncommon to find negative values for management when treated as the residual claimant, and that hardly seems appropriate for the long-term operation of any dairy farm. No matter how management is valued, it is important to emphasize that any estimate of the cost of producing milk that includes management as a cost simply shows what it would cost to produce milk if management did indeed receive such compensation. In the case of owner-operated farms, management is a risk factor hoping for a return, not an unavoidable cost that must be covered every accounting period.

Owner's financial equity has already been asserted to be a cost that also may be treated as a residual claimant of farm income. It is capital hoping for a return to his management function. It is reasonable certain that once all returns are accounted for and all other costs satisfied, something must be left over for the risk factors or they will not forever remain in dairying. When a cost is assigned to risk capital, it is usually equivalent to the interest rate charged by Federal Land Banks or other sources of longer term farm real estate mortgage debt.

Farm products consumed in the farm home

These may be valued on one of three possible bases. One is at their cost if purchased at retail, a second is at their value if sold at the farm, and the third is at their cost of production. For purposes of estimating the cost of producing milk, the second basis for valuing these items is probably the appropriate one since we are looking for legitimate offsets to farm costs reported elsewhere. If comparing the level of living of farm families to other families is of interest, then using retail prices would be more appropriate. The third basis for valuing farm products consumed in the farm home is felt to be too difficult to warrant the effort it would take to carry it out.

Rental value of the farm dwelling

Including the rental value of the farm dwelling in computations leading to an estimate of the cost of producing milk is not appropriate if all the costs associated with the home are already excluded from the farm expenses that are reported. These would include the farm home share of real estate taxes, insurance, mortgage interest, maintenance, repairs, utilities, and the like. To the extent these are not excluded, the rental value of the farm is used to offset the costs of the farm home that are incorporated into farm expenses.

Although it is sometimes difficult to establish an accurate estimate of the rental value of the farm home, many dairy farms are located in or near areas where there is an active home sales and/or rental market that can be used as a guide. Unless the farm home was bought or built only very recently, the offset to farm expenses will be too high because current house prices and rentals are based on current market prices. These contain a great deal of inflationary appreciation in values that never were real costs on the farm expenses side of the ledger. Including rental values will therefore contain both farm costs and comparative level of living components, and there is no easy way to separate one from the other.

Alternative ways of combining costs and returns to yield cost of production estimates

A theoretical classification of costs and returns, and alternative ways of measuring them, have been presented. In this section, discussion focuses on how the collection of costs and returns can be put together to yield estimates of the cost of producing milk.

Two basic approaches to estimating cost of producing milk from farm survey data have been widely used. These are generally referred to as the enterprise and the whole farm approaches. Under the enterprise approach, the costs that are directly associated with the dairy herd are separated from all other costs. In the former category are dairy feed, milking supplies, depreciation on milking equipment, and the like. In the latter category may be purchased seeds, fertilizer, hog feed, chicks, depreciation on field equipment, and the like. Following these assignments of costs, then, is the need to allocate resources that are used for more than one enterprise. Many dairy barns are used to house both dairy cattle and harvested crops, while some farm tractors may be used to haul manure and to do field work. In most cases, the owner divides his or her management skills and labor among all the several enterprises that may be present on the farm.

In recognition of the difficulties of accurately allocating such joint factors to the various enterprises, the whole farm approach was developed. Under this approach, most workers have asusumed that "sideline" costs are just equal to "sideline" income. That is, if 100 bushels of wheat were sold for $300, the cost of producing that wheat was also $300. Then, if all the remaining revenue was from the sale of milk, the cost of producing a hundredweight of milk would be calculated as total farm costs minus $300, divided by hundredweights of milk sold.

A variation of the whole farm approach is the "proportioned" treatment of sideline revenue. The assumption here is that the costs associated with generating sideline revenue. The assumption here is that the costs associated with generating sideline revenue bear the same relationship to total costs as the sideline revenue itself bears to total revenue. By way of example, if the sum of all revenues other than from the sale of milk is 10 percent of all revenues including milk sales, then 10 percent of total farm costs should be assigned to those other products. The remaining 90 percent would then be ascribable to the milk sold, and would be used as the numerator in computing the cost of producing milk. Under this modification of the whole farm approach, sideline enterprises are generally presumed to be no more or less profitable than the primary enterprise on dairy farms - the production of milk.

Which of the two basic approaches should be used depends on such factors as the resources available to conduct the study, the amount of detail that is desired in the results, and the later uses of the findings. The enterprise approach is probably the most expensive, difficult, and time-consuming of the two basic approaches. It requires, and results in, the greatest detail with respect to the cost side of farm accounts. Whether it is the most accurate depends on (1) the time spent in developing the necessary detail, (2) the accuracy of farm records and farmer recall of the information needed to allocate resources properly to the appropriate enterprises, and (3) the

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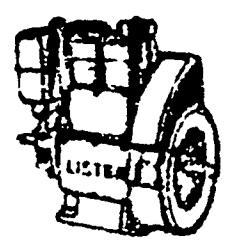

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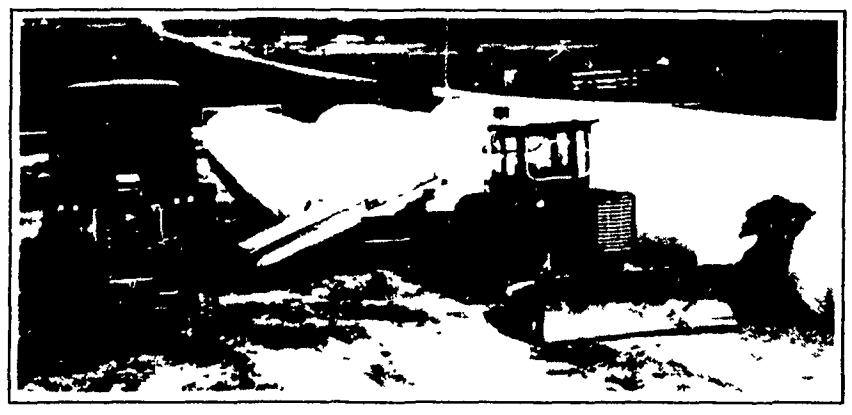

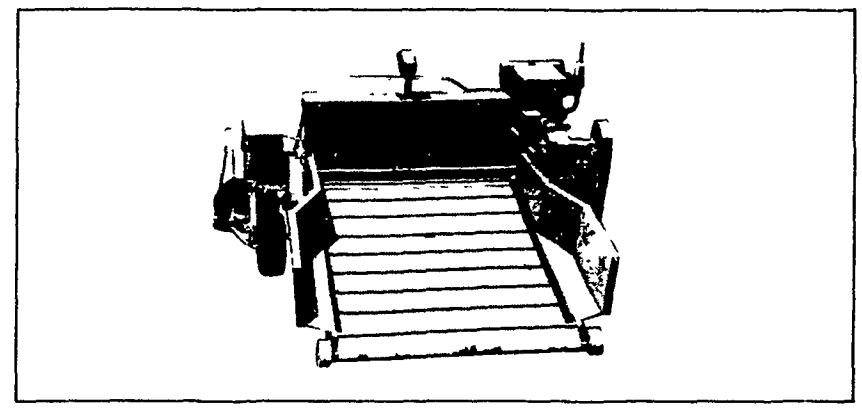

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Don Carter of Parkdale, Oregon

"The best move I ever made" . . . says Don Carter in reference to his switch to bagging silage on his dairy near Parkdale, Oregon.

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Roland Rasmussen of Blair, Nebraska

"In addition to everything else, it's a management tool" . . . says rancher, Roland Rasmussen of Blair, Nebraska.

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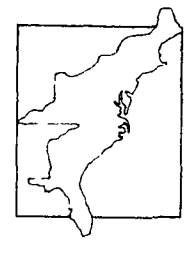

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Computer 'makes' new chemicals

BELTSVILLE, Md. — Scientists can now synthesize new agricultural chemicals with a computer model that can spot the active compounds, said Judith B. St. John, at the Eighth Annual Beltsville Symposium: "Agricultural Chemicals of the Future."

"Picking out the chemicals that will have agricultural uses is a bit like finding a needle in a haystack," said St. John. For example, a group of similar compounds named pyridazinones has thousands of possible variations of the basic structure. Only a few of these will be useful.

St. John, a biochemist with USDA's Agricultural Research Service, cooperated with Falk Ritting and Hermann Bleiholder of BASF Aktiengesellschaft in Germany in synthesis and testing of the different pyridazinones. Based on the structure-activity relationships of fifty compounds, the computer predicted which structures of pyridazinone would be effective in altering the lipid (fat) in the membranes that line the plant cells.

Scientists are interested in changing the lipid composition of the membranes because previous studies have shown that this affects the plants' response to temperature. A shift in the lipid composition will make plants more sensitive to cold temperatures and more resistant to heat.

Chemicals that change the plants' response to temperature could be used to protect plants from unseasonable temperatures, or to make undesirable plants more susceptible to normal weather conditions.

The computer was also able to identify structures of pyridazinones that have other types of activity, such as a harmful bleaching of plants.

"Undoubtedly, this computer model could also be used as a model for predicting structure-activity relationships for other types of chemicals," St. John observed.

Using production costs

(Continued from Page D22)

degree to which the farm is specialized in producing milk.

Only milk

Clearly, if absolutely nothing is produced on a particular farm except milk - no replacement stock are raised, no forages are grown, no grains are produced, etc. - the enterprise and the whole farm approaches to estimating costs are identical. There is still the problem, however, of how to handle the joint products that are unavoidably produced with milk - cull beef, calves, and manure - the latter of which may indeed have a negative value. The simplest and most common way is to convert them to their milk equivalents based on value. For example, a calf that is sold for $100 is the equivalent of 1,000 pounds of milk at $10 per hundredweight. This had the effect of treating these joint products in the same way that products of other enterprises are treated under the modified whole farm approach. The alternative way of handling joint prducts is to subtract them off both the costs and the revenue side as is done under the unmodified whole farm approach - that is, sideline revenue equals sideline cost.

Most of the milk marketed in the United States cames from highly specialized dairy farms. That is, the sale of milk is by far the most important source of revenue on those farms from which milk enters commercial markets. There is, though, a great deal of variation among dairy farms as to the proportion of feed grown at home relative to the total feed needs of the dairy herd. There is also variation among dairymen as to the proportion of herd replacements raised at home as opposed to those purchased from other sources. The more highly specialized a dairy farm is in producing milk, the more accurate can be estimates of the cost of producing milk. This is true regardless of which approach or costing fomula is used. If there are no other enterprises on the farm, there are no profits or losses to those enterprises that might conceal the true costs of producing milk. That is why many studies of the cost of producing milk have required some minimum level of specialization with respect to the production of milk on farms included in the survey.

Next Week:

The U.S. Department of Agriculture Estimates of The Cost of Producing Milk

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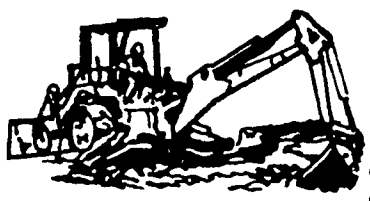

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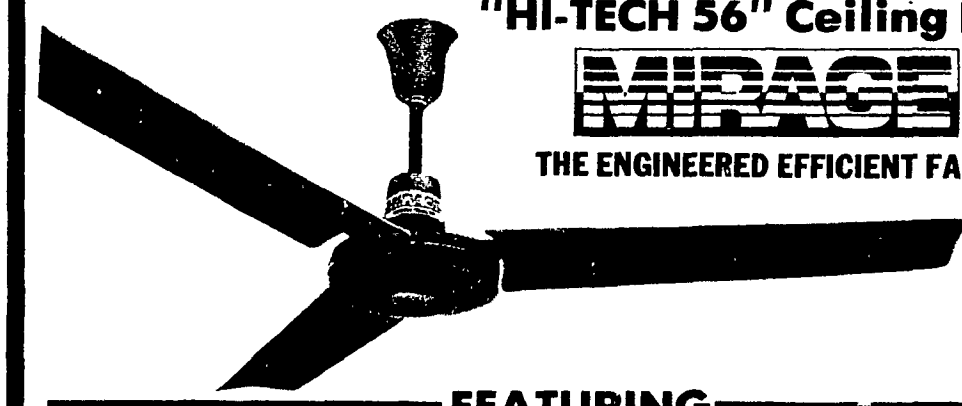

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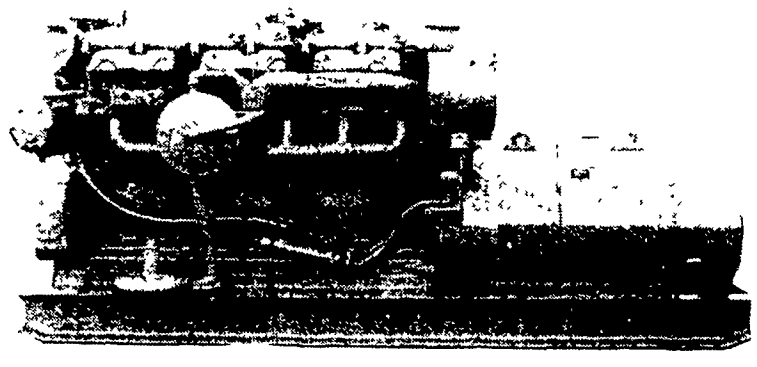

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Ultrasonic pest control is questionable

NEWARK, Del. — Ultrasonic and electromagnetic pest control devices have been around for a number of years. Claims have been extravagant and misleading about what they can do, says University of Delaware entomologist Mark Graustein.

The Environmental Protection Agency lacks authority to require effectiveness and safety tests on these devices, he says, but can act if labeling contains false or misleading claims. In 1978, EPA did stop the sale of two electromagnetic models because agency tests showed they did not work. The National Pest Control Association attempted to obtain efficiency information from manufacturers of other models, but was given none.

Independent researchers have found no benefit from electromagnetic devices, Graustein says. This has prompted EPA to warn manufacturers of these devices to provide efficacy data, or stop advertising unsupported pest control claims.

Ultrasonic devices have not fared much better. Laboratory studies have shown that ultrasonic waves can deter rats and mice, but results from practical use are much less dramatic, the entomlogist says. Among the reasons for poor performance: (1) ultrasonic waves do not penetrate solid materials in which pests hide; (2) ultrasonic sound at the effective frequency dimishes rapidly in air, giving a much more limited range than some manufacturers claim; (3) rats established in a building may adapt to the sound rather than abandon their habitat; (4) some ultrasonic devices may not produce wave frequencies in the needed range. Wandering rodents may avoid areas protected by ultrasonics if they have alternative places to go or if the area is not particularly attractive to them.

Graustein says homeowners should be equally cautious about buying black light-type bug zappers and related traps. Most are purchased to eliminate mosquitoes and other biting flies from yards, patios or porches. However, most mosquito experts agree that such traps are not very effective for that purpose. In fact, they may even attract greater numbers of mosquitoes than would otherwise occur because the lights serve to draw mosquitoes from some distance away. Once in the area, they are attracted less by light than by smell to human and other warmblooded hosts.

Another problem with these traps is that only a few mosquito species are attracted to artificial light. Others are not attracted at all, nor are most biting flies, such as deerflies, horse flies, black flies, stable and face flies.

"The vast majority of snaps, crackles and pops your electrocuter trap makes are caused by various other insects, such as beetles and moths which are more attracted to light than mosquitoes," Graustein says. "Although some of these are pests of garden plants, many others are beneficial insects."

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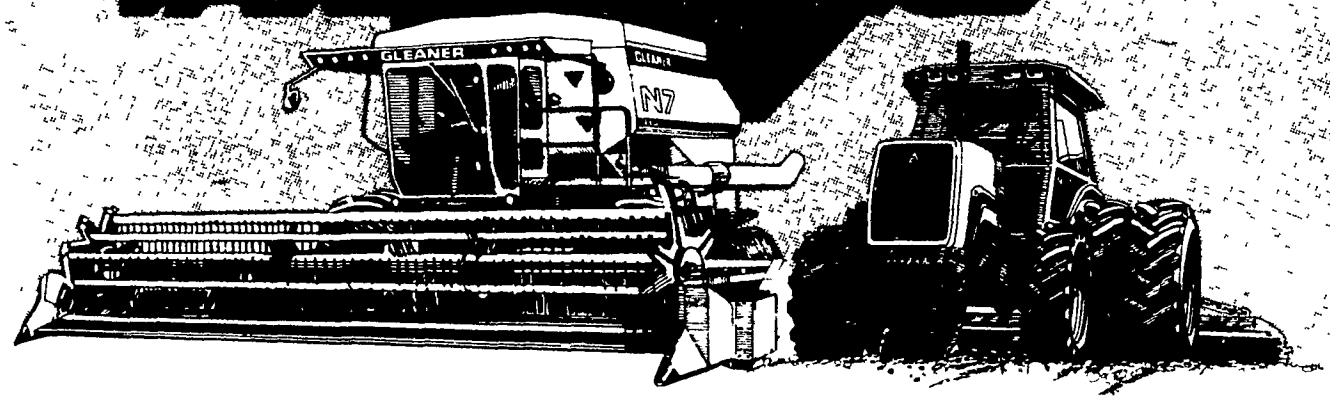

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Total Finance Payments	58 790	47 116	Total Rental Payments
Purchase Option	—	11 550	Purchase Option
Total Cost to Own	$70 290	58 666	Total Cost to Own
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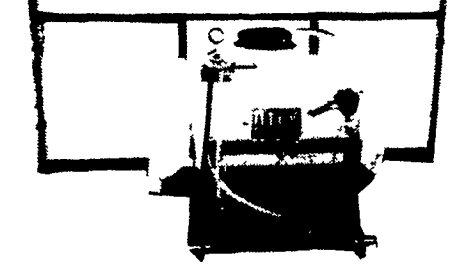

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Franklin County DHIA Monthly Report

dhia — Pennsylvania Dairy Herd Improvement Association

April, 1983

Rolling herd averages above 650 lbs butterfat include

NAME	BRD	NO. COWS	% COW DAYS IN MILK	LBS. MILK	LBS. FAT
Oakleigh Farm		3	106	19,304	752
R.V.&S V Hollenshead		B3	32	20,725	747
Frank S Heberlig		3	45	19,285	740
Wayne A Hall		3	35	19,661	722
Clinton Stahl		B3	50	19,623	711
George Skelly		3	69	19,210	706
Dennis W Bricker		B3	36	19,217	705
R.V.&S V. Hollenshead		B3	57	18,927	686
Lester & Alvin Meyers		3	53	18,341	685
H. Lester Oyler Est		3	72	18,299	682
J.C Young Jr & Son		3	60	18,479	678
Richard Harshman&Son		3	69	18,675	675
Lester D Fortna		3	39	18,427	674
Burk Lea Farms		3	130	19,563	674
Ray Wingert		3	52	17,485	673
R C & C B Allison		B3	169	19,784	671
Kenneth E Oliver		3	27	16,895	669
Carl O Stuff		B3	48	19,126	667
Gaymere Farms		3	176	17,441	665
Wayne L Beidel		B3	56	17,953	663
Twin-Maple Farms		B3	40	17,113	662
Lawrence Lehman		B3	63	17,308	660
Philip & Conrad Hege		B3	64	17,944	659
Marv Adams & Sons		3	45	18,150	658
Harold Goshorn		G3	74	17,022	656
Dale Wadel		B3	56	16,681	655
Keeners Dairy		B3	116	16,752	654
Norlo Farm		3	134	18,546	653
Rebeken Farm		B3	90	17,374	652
Donald L Brechbill		B3	32	17,773	651
Mark W Meyers		3	85	16,946	650

Listed below are completed lactations of 850 lbs of butterfat or over

OWNER NAME OR NO.		AGE AT CALVING	DAYS IN MILK	LBS. MILK		LBS. FAT
Clinton Stahl						
43	GH	4-4	305	23,120	4 5	1036
Philip & Conrad Hege						
8	GH	5-8	302	22,499	4 5	1013
Glenn L Kuhns						
122	GH	4-2	265	21,063	4.6	977
R C & C.B. Allison						
Y87	GH	4-2	305	29,527	3.2	950
Clinton Stahl						
94	GH	6-3	305	22,139	4 3	950
Oakleigh Farm						
Jo	RH	4-5	305	20,498	4 5	928
Stone Hart Farm						
Lucilla	GH	5-7	305	21,265	4.3	908
Oakleigh Farm						
Nannie	RH	7-5	305	22,577	4.0	904
R.C. & J.R. Shoemaker						
Marie	RH	4-10	305	24,147	3 7	895
Gaymere Farms						
205	RH	5-8	305	22,375	4.0	890
Oakleigh Farm						
Bert	RH	7-5	305	20,637	4 3	881
Marlin G. Bricker						
Kate	RH	5-4	305	23,902	3 7	880
Philip & Conrad Hege						
15	GH	3-11	305	20,043	4 4	872
Cashell Farms						
152	RH	6-5	305	24,206	3 6	871
Mountain Green Farm						
28	RH	3-5	305	23,242	3 7	864
Oakleigh Farm						
Kenya	RH	6-6	305	24,398	3 5	862
Lester E Martin						
47	GH	5-1	305	21,408	4 0	862
James & Nina Burdett						
Del	RH	6-3	305	22,339	3 8	856

BUCKS COUNTY DHIA

April, 1983

The following is a report of the Dairy herd Improvement Association for the month of April (Herds processed between the eleventh of one month and tenth of the following month)

Lactation Report - 750 Pounds and over

OWNER NAME OR NO.	BREED	AGE	LBS. MILK	LBS. FAT
Crooked Acres Dairy				
Flower	6-11	305	21,620	766
Sadie	5-3	305	20,735	755
Wilmer W. Rush				
Thelma	6-9	305	20,018	771
Wrona	3-7	305	18,510	771
Theodore S Wilson				
Misty	5-10	303	23,458	879
Pearl	3-4	305	18,512	769
P & J Hallowell				
Saffron	5-7	305	21,060	848
James Pavlica				
Natasha	9-7	305	20,915	865
David R. Walton				
Colet	7-5	305	19,336	790
Jet Q	4-8	321	22,425	837
David R. Wolfinger				
Karen	5-7	305	23,265	756
Wm. & Eleanor Gunser				
Daisie	7-1	305	20,073	785
Breezyvale Farms, Inc				
Eileen	3-6	292	19,859	825
Raymond Gross				
Sandi	4-2	305	23,278	880
Delaware Valley College				
Amanda	4-3	305	18,111	786
Delaware Valley College				
Melissa	5-2	305	17,446	762
Richard O Smith				
Nan	5-7	305	15,642	781
Brett	4-8	305	14,026	757
George & David Bishop				
Nan	4-11	305	22,685	820

Herds with 650 lbs of butterfat or more include.

OWNER	BREED	NO. COWS	% DAYS IN MILK	LBS. MILK	LBS. FAT
Theodore S Wilson	B3	66 2	87 5	19,671	702
David P Wolfinger	3	33 3	88.7	19,747	697
Crooked Acres Dairy	3	63 6	85 1	18,742	693
Walter & David Wurster	3	60 9	90.0	19,874	693
Delaware Val College	3	39 5	84 6	18,828	690
Breezyvale Farms Inc	3	84 3	88 8	18,720	685
Delaware Val College	5	11 5	87 3	16,067	677
Paul L Bishop	B3	59.9	89 5	18,854	675
John Thompson & Sons	3	82 7	86 8	18,093	675
Penrose And	3	87 3	83.3	18,242	669
Richard O Smith	2	71.0	87 6	14,215	666
J Howard Roth	B3	35.0	88 3	18,900	666
Wilmer W Rush	3	32 5	87 7	17,377	660
Roy Shull	B3	196.5	86.6	17,522	658

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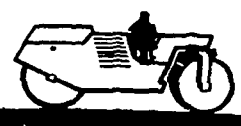

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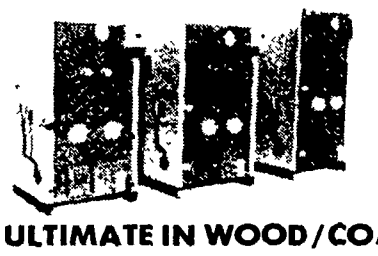

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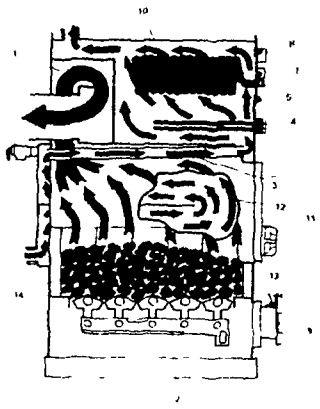

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PENNSYLVANIA LICA

Huntingdon County DHIA Monthly Report

Pennsylvania Dairy Herd Improvement Association

April Report
Rolling Herd Averages

OWNER	BREED	NO. COWS	COW DAYS IN MILK	LBS. MILK	FAT LBS.
Evergreen Farm No 3	B3	397.4	85 2	17,879	727
Daland Farms	3	95.8	87 6	19,742	719
Branstetter Farms	B3	57.7	89 3	19,248	694
J. Frederick Kyper	B3	32.5	87.5	17,745	674
Gerald E McMath	B3	69.9	89.7	19,489	666
Behrer Farms	B3	156.8	87.2	17,921	662
Edwin Steach	3	72 6	86 2	18,648	659
Gregory & Nancy Yocum	3	28 1	93.4	17,170	659
Howard & Nancy Wiggin	B3	72 4	85.7	17,680	655
Gibboney Farms	3	56.1	85.5	18,221	652
State Correctional Inst.	B3	152.7	87.4	15,716	651
Locust Lane Farm	B3	82 3	83.7	17,371	651

Lactation Report

OWNER NAME or NO.	BRD	AGE CALVING	DAYS IN MILK	MILK LBS.	FAT LBS.
Evergreen Farm No 3					
1272	3	4-3	305	25,018	996
1470	3	3-8	305	17,837	850
1276	3	4-1	305	20,718	838
1181	3	6-11	305	19,648	779
Breezy Hollow Farm					
Mada 49	3	4-0	305	21,860	911
J Frederick Kyper					
Eunice	3	6-3	305	20,533	884
Geary E. Shade					
Pearl	3	5-0	305	23,351	858
Sara	3	5-1	305	19,600	791
Locust Lane Farm					
Julie	3	7-4	305	19,644	854
0-51	3	3-4	293	17,297	753
Branstetter Farms					
Dee	3	5-10	305	20,961	848
Mint	3	3-8	305	21,663	818
Daland Farms					
Ellee	3	5-10	294	22,770	835
Molly A	3	3-3	305	18,413	769
Rim	3	3-1	305	21,790	757
Sidney R Ormsby					
34Bump	3	5-7	305	21,498	816
Gensimore Farms Inc					
62	3	5-6	305	19,476	812
Gerald E McMath					
Betty	3	4-4	305	19,978	806
Marion	3	4-10	305	20,291	779
Dixie	3	5-7	305	23,246	773
Lottie	3	5-10	305	24,465	751
Ezra Zook					
Katie	3	3-11	305	19,576	798
Durbin Farms					
Robin	3	4-1	305	18,964	789
Behrer Farms					
42	3	6-9	305	21,231	786
Gibboney Farms					
Ruby 49	3	5-10	293	20,141	778
Baney Brothers					
Connie	3	4-10	285	18,154	753

SULBRA DHIA
March, 1983

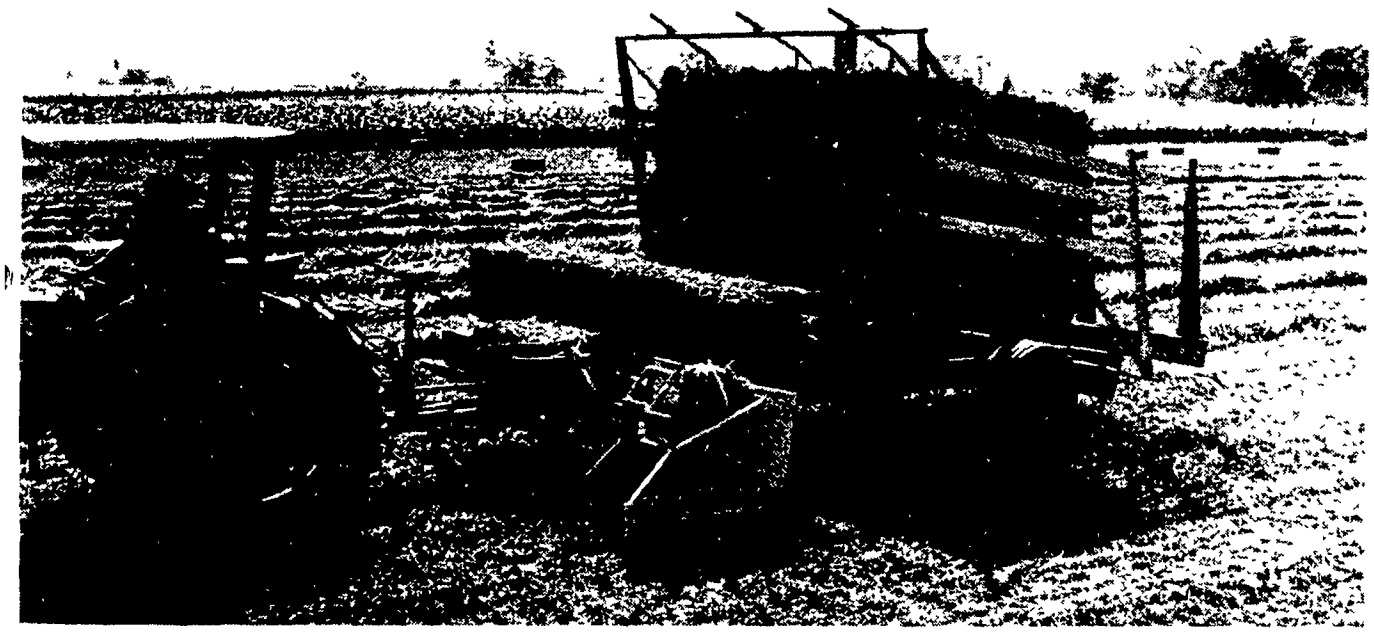
Rolling Herd Averages

Dennis-Vickie Boyd	3	29.4	86.2	20,233	722
Raymond Norconk	3	41.7	86.9	18,502	711
William Hottenstein	3	49.4	85.2	18,976	687
Geo & Wm Lambert	3	112.6	90.6	17,966	666
Richard R Higley	3	74.4	84.8	16,384	654

Completed lactations of 750 pounds or more of butterfat

Richard R Higley					
Sulyn	3	7-9	305	23,241	922
Lance	3	3-0	305	23,421	871
Gretchen	3	3-0	305	17,970	771
Super	3	5-2	305	16,763	754
Geo & Wm Lambert					
Bambi	3	5-4	305	27,716	883
Earl & James Warbuton					
Karen	3	7-0	305	22,006	831
Raymond Norconk					
Paula	3	10-5	305	21,792	826
William Hottenstein					
Lottie	3	6-2	305	21,951	762

THIS WAGON



won't keep you waiting

You don't have to wait on a wagon that unloads itself. So, the Sperry New Holland automatic bale wagon is the only hay wagon your farm needs.

The automatic bale wagon can pick up bales from the field faster than a baler can make them. At the barn or stacking area, it unloads in just minutes, making tight, rigid stacks, automatically.

Best of all, one person does it all from the seat of a tractor. The bale wagon frees labor for other work and enables you to put up your hay ahead of the weather.

The automatic bale wagon is for farmers who want to store hay without lifting bales. Hydraulic muscle does the lifting for you. Even the smallest model, "1003", moves over 1,300 bales from field to storage in a normal 8-hour day. A larger model, "1069", handles over 2,500 bales a day.

Some people buy automatic bale wagons just because they don't like backaches.

Ask your Sperry New Holland dealer to compare the price of a bale wagon with that of a bale thrower and three or four wagons. You'll see how affordable an automatic bale wagon can be.

- Sperry Corporation 1983

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Infertility in dairy cows is a major problem in the U.S. dairy industry. Scientists at the University of Maryland believe there is a link between uterus scarring and infertility. Here, a University veterinary lab scientist demonstrates to students in a minority apprenticeship program the proper method of preparing reproductive tissue cross sections for lab analysis.

Uterus scarring may be linked to infertility

COLLEGE PARK, Md. — Dairy scientists suspect there may be a relationship between the formation of scar tissue in the uterus of dairy cows and their reproductive problems.

Periglandular fibrosis of the endometrium — the development of scar tissue around the secretory glands in the uterus — is an abnormality and could be responsible for a cow's inability to maintain a suitable environment for a calf fetus during pregnancy, University of Maryland dairy scientists believe.

Preliminary research by the scientists indicated that approximately 89 percent of the cows surveyed were affected to some degree by the abnormality.

Although earlier research established a relationship between the development of uterus scar tissue in frequent-breeding horse stock and their reproduction problems, the scientists are continuing studies at Maryland to establish the relationship in dairy cattle.

The infertility problem is a major one for the dairy industry where economic losses are attributed to longer periods of time between births, the loss of milk production during infertile periods, and culling from herds valuable animals — resulting in a loss of those animals' progeny.

Superovulation doesn't hurt production

COLLEGE PARK, Md. — Superovulation in high-yielding dairy cows has no significant effect on the cows' milk production or milk quality, according to a study by University of Maryland scientists.

Many dairy farmers feared that giving their cows hormones to increase their production of embryos would reduce milk yield. Their concern was especially important because high-yielding dairy cows are the most-sought candidates for superovulation.

However, a team of veterinary and dairy scientists from the University found no significant difference in milk production or milk fat between cows that were given superovulation hormones and those that were not.

All cows used in the study were producing more than 70 lbs. of milk per day, according to Dr. Monica Haaland, assistant professor of veterinary science.

Superovulation is a technique used by animal breeders to increase the number of embryos produced by a single prized animal.

Each embryo can then be transferred to a "surrogate" mother which will carry the developing animal to term.

University of Maryland veterinary scientists say farmers need not fear reduced milk yields when their top producers are subjected to superovulation techniques for embryo transfer. Here, Dr. Monica Haaland, assistant professor, and John Kable, lab scientist, prepare to "vacuum" multiple ova (unfertilized eggs) from an embryo transfer candidate in the University herd.

ABS gets bullish on Brown Swiss

American Breeders Service bolstered its Brown Swiss bull battery recently by adding two highly rated bulls, Maple Grove PERFORMER and Golden Dawn Elegant MASTER. These two bulls have daughters milking in many herds and will add proven genetic strength to the 25 Brown Swiss bulls currently available from ABS. Many of ABS' high pedigree indexed bulls are in the process of being progeny tested.

PERFORMER is the leading sire of improved type in the Brown Swiss breed at +1.8. His daughters, which are medium in size, excel in most linear traits and rank PERFORMER near the top of the bred for both milk and type.

PERFORMER is sired by V. B. Royal Flush Pavanne, EX, and is out of L-J Stretchy Rocker, 3E, with a 305-day fat record of 1,373 pounds.

Another new addition, MASTER, is emerging as one of the breed's greats. He is the fourth highest PD$ bull at $227, third highest for PDM at +1,744M and the sixth highest PTI bull in the breed at +266. With 93% repeatability, he is one of the most reliably proven among Brown Swiss bulls.

MASTER is a son of White Cloud Jason's Elegant, "Superior Sire," and out of Guardian Muriel, an exceptional individual from one of the breed's best known maternal lines.

Semen from these two bulls is now available from American Breeders Service.

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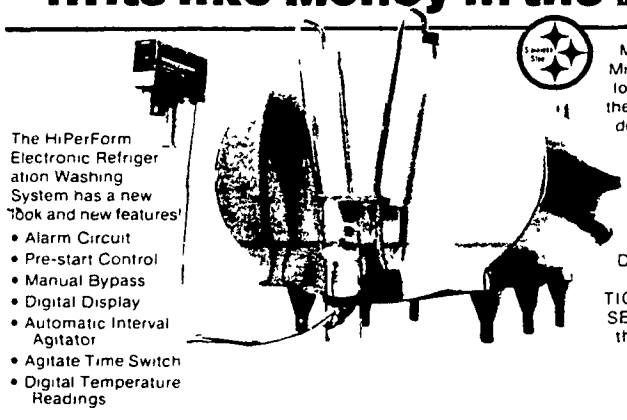

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TANKS TANKS TANKS

Visit apple tree museum at Penn State

UNIVERSITY PARK — Johnny Appleseed may not have envisioned his favorite tree in a museum, but apple experts at Penn State certainly can.

The University is the home of the Clark Kerr Memorial Apple Museum — an outdoor collection of apple varieties dating back to colonial times. They are varieties that are seldom if ever sold today. On early Pennsylvania farms, however, they could be found in abundance. The museum is located at Penn State's Rock Springs Research Farm.

"Most of the varieties were here 150 to 200 years ago," explains C. Marshall Ritter, professor of pomology and curator of the Museum.

Kerr, of native of Stone Creek, was chancellor and later president of the University of California at Berkeley. From 1967-73, he was chairman of the Carnegie Commission on Higher Education.

When he was approaching retirement from the board of the Carnegie Foundation for the Advancement of Teaching in 1979, the Board sought a way to honor him. Since he is widely known for his extensive knowledge of old fruit varieties and has often visited Penn State, the University suggested naming the apple museum for him.

Ritter says the University formerly had a collection of nearly 400 apple varieties, but it was lost when construction began on the Route 322 bypass around State College. In 1977, the College of Agriculture was advised funds were available to initiate a new collection, "and we were delighted," he recalls.

The following year, the collection and planting process commenced.

"The idea is to accumulate varieties that were probably growing here in colonial America," he says. "There's some history of Pennsylvania in all of these varieties."

Currently, the museum has about 125 different apple trees. Ritter hopes to add 30 to 40 more types in the near future. Though they may not all sound like Pennsylvania names, he maintains that even "Canada Red," "Devonshire Quarrendon," "Irish Peach," "Ohio Nonpariel" and "Rhode Island Greening" were grown in early "Keystone State" days.

When the colonists settled in Pennsylvania, he says, one of their land agreements with William Penn was to plant an orchard on each piece of property. Thus, orchards containing an array of apple varieties, or "pips" sprung up around the Commonwealth.

For instance, the York Imperial apple originated in York County, but was formerly known as the "Greasy Pippin" and "Johnson Fine Winter." In the early 19th Century, that variety came into demand all over Appalachia as the leading apple for processing, Ritter says.

The Kerr Memorial Museum is building its stock by obtaining apple scions from counties all over the state. Candidate samples are

(Turn to Page D31)

USDA planting new face

WASHINGTON, D.C. — Stroll down the Mall here this summer and you'll believe the U.S. Department of Agriculture does, too, have poetry in its soul to temper the tough work of helping farmers, fighting food stamp fraud and the like.

The USDA is putting on a new face adorned by 176 new trees and thousands of smaller plants.

On the Mall, that new face will be graced by ginkgo trees, Betty and Susan magnolias, Korean dogwoods, English oaks, Catskill, Mohawk and Erie viburnum, Diana Hibuscus, Navajo and Teton pyrachantha, azaleas, mums, tulips and ivy.

By mid-summer, most of the work will be done, said Richard Levin, Office of Operations architect for the USDA.

As the work nears completion, plaques and descriptive literature will be provided.

Levin said the landscaping plans also call for the introduction and showing of plants developed at USDA's National Aboretum. Some of these have been evaluated for a long as 20 years and will be exhibited when the public can obtain similar plants from commercial nurseries.

Some existing trees and other plants are being removed, said Levin, but care is being taken to retain major and commemorative trees.

Changes in the landscaping have been highly visible in recent weeks because the original five-year plan is being squeezed into three years, said Levin. Last year's work included the installation of 50 new trees and other improvements.

A Forest Service architect and two National Arboretum horticulturists created the plans. The Commission of Fine Arts, which has authority over improvements facing the Mall, commended the USDA-developed plans.

PUBLIC SALE

REAL ESTATE & PERSONAL PROPERTY

SAT., JUNE 18, 1983

9 A.M.

929 Hilltop Road, Myerstown, PA.

1 Mile North of Kumm Esse Diner

5-ACRE FARMETTE

4 Bedrooms Birch Kitchen With Built In Stove & Oven Dining Area Living Room 2 Baths Family Room With Chimney For Woodstove Laundry Room & Garage Electric Heat 6 Years Old Home Has Hardwood Floors On Upper Level Except Kitchen & Bath Copper Water Lines Drain Lines Are Plastic Water From Deep Well On Lot Septic (No Water & Sewer Bills) High Elevation Overlooking Valley Buildings In Agricultural Zone OK For Animals Large 1½ Story Extra Garage With Second Floor For Shop Or Storage Large Enough For Campers Or Trucks Farmette Has Entrance From Hilltop Road By A Well Built Blacktop Drive Also Paved Parking Area All Having An 8 Stone Base With Overlaid Blacktop

PERSONAL PROPERTY

McCulloch 10 Chainsaw Franklin Stove With Steak Grill Shop Vac Suction Utility ½ H P Pump Kerosene Room Heater Steel Wheelbarrow 3 Gal Weed Sprayer Shovels Rakes Etc Garden Tools Austrian Scythe & Antique Tammel Anvil To Sharpen Same Old Schoolhouse Slates Ramps & Auto Tools Auto Wheels 14 & 15 Antique Sickle Lawn Chairs Electric Heaters Electric Fans Log Chains Lawn Fertilizer Spreader Aluminum 28 Ladder & 5 Stepladder Electric Sweeper Pipe Vise & Stand (Heavy Duty) Also Plumbing Tools & Parts Slates For Roof Repairs Hydraulic Jack Hammock & Stand Iron Fenceposts 6 Firewood Some Cut & Some Logs Large Sassafras Log Suitable For Lumber 16 Gauge Single Shotgun 50 Years Old Little Use Rototiller With Snow Plow Attachment New Cultivator For Various Garden Tractors 5 H P 1 Wheel Cultivator With Small Plow 4 H P Hi Wheel Power Mower 10 H P Dynamark 36 Mower Spike Tooth Harrow Spring Tooth Harrow 14 H P Power King Tractor With Front End Loader Snow Buckets 48 Mower Cultivator Tool Bar 12 Plow Tractor Has (2) 2 Way Hydraulic Systems 2 Wheel Trailer For Tractor

ANTIQUES & COLLECTOR'S ITEMS

2 Caned Chairs Oak Spool Table Antique Empire Bureau Old Tailor s Wooden Square Wooden Bucket Brass Bucket Cast Iron Cooking Kettle 3 Gal Crock Old Vinegar Jug Demijohn In Wicker Wooden Slaw Cutter Shoemaker s Last Old Shoe Polish Brush Old Allen Adding Machine Silent Butler Old Leather Billfold Old Double Ink Well Set Antique Butcher Paper Roll Stand Old Tinware Old Coins 2", Indian Head Copper Nickel 1", V Nickels 1877 Silver Trade Dollar Used As A Fob Large 1", Etc Homemade Carpet Child s 50 Year Old Small 6 Legged Wing Table

HOUSEHOLD ITEMS

2 Cricket Chairs Portable Black/White TV Cherry Dresser Table Lamp With Handpainted Shade Movie Screen Electric Broiler 2 Stereo Consoles One With Cassette & 8 Track Player New 3 Piece Living Room Suite Coffee Table & End Table For Lamp FM & AM Portable Radio For Battery Or 110V Quartz Electric Heater 3 Folding Army Cots Old Fashion Coal Bucket Old Galvanized Sprinkling Can Many Other Personal Property Items Too Numerous To Mention

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Weather Permitting

PUBLIC SALE

JUNE 25, 1983

at 9:30 o'clock

1/2 Mile West of New Bloomfield, Perry County, (On Cold Storage Road),

I, Raymond Copenhaver having sold my farm with an 8-room house now have a house full of furniture, appliances, antiques, etc. that I do not need. I am selling them at Public Sale on Saturday, June 25.

Bring your chairs early and plan to stay late.

I've Got Lots To Sell!

WE WILL START WITH MY TOOLS.

Small hand tools first than others like: Jig saws, Table saw, Wood saw, Air compressor, Drill press, Bolts, Nails, Cords, etc., Band saw, Planer, Wood lathe, Shop size metal lathe, Electric tools, Electric saws, Electric drills, Chain hoist, Small grinder, Lawn tractor, etc.

THEN WE WILL SELL:

New doors, New windows, New seat cushions, Commodes, Hydraulic cylinders, Insulation, New rafters, New nails, 2 New travel trailers knocked down in sections (never finished), Picks, Shovels, Belts, Some siding, Paneling, Paints, Hoses, Ladders, New RV camper trailer parts, Overhead garage doors, Lumber, Cord wood saws, Barrels, Like new lights, New mattresses, Lots of overhead lights, 3500 w. Generator with electric starter, and much more.

TRUCK LOAD OF PANELING BRING YOUR TRUCK

Then we will sell out of the house

Dishes of all kinds, Skillets, Electric reducing machine, Refrigerator, Deep freeze, Kettles, Lights, Toaster, Movie projector, Cameras, Beds, Our old wood kitchen stove, Electric blender, Electric mixer, Stands, Dressers, Bureaus, Chairs, Maytag wringer washer, Electric sewing machines, Grinder, Dining room table, Breakfest set, Desk, File cabinet, Adding machine, Electric sweeper, Electric fans, TVs, Gas stove, Washer, Dryer, Guns-And Lots Of Other Goodies.

ANTIQUES

Old dishes, iron skillets, Old butter churn, Old wood stoves, Old string of sleigh bells, Iron kettle, Bean pot, Old jars, Old writing desk, Old china closet, Old wooden wringer for tub, Old Clothes trees, Piano stool, Old corner cupboard with glass top, Washboard, Old RR oil can, Cedar chest, Very old blanket chest, Cut glass, Old plates, Old books, Old lanterns, Old shoe lath, Victrola, Edison phonograph, Jugs, Musical bottle, Old toys, Old hanging light, Hand grinder, Old wagon seat, 2 Old wall clocks, Jim Beam bottles, Avon bottles, Wagon wheel light, Mirror, 6 Old mantle clocks, 2 Cuckoo clocks, Old whiskey bottles, Coal bucket, Apple peeler, Old banks, 5 Old pocket watches, 2 Coffee grinders, Shovel, Old chairs, Old rocker, Old toy tractor, Toy road grader, Old keroseme lights, Old crocks, Old wood puzzle, Old Church bell, Toy buggy, Buck saw, Old picture frames, Milk cans, Old dinner bell, Broad axe, Lots of old bottles.

Plus, Antique Wood Made Steam Engine with Thrash Machine and Water Tank.

(as listed in Roy Chandlers Book "Antiques of Perry Co.")

Plus. Whatever else we find in the attic when we empty it out.

REMEMBER: Sale Starts Promptly At 9:30 O'clock

A Good Eating Stand by Rebeckah Lodge

This Sale is for Cash or Good Checks

No Out of State Checks - Bring Cash

Must show identification to get buyer's number

Shull, Auctioneer

Shull, Clerks

EQUIPMENT AUCTION

LATE MODEL FARM MACHINERY, TRUCKS, TRAILERS, INDUSTRIAL EQUIPMENT

SATURDAY, JUNE 25, 1983

Promptly At 11:00 A.M.

LOCATION: Along Rt. 725, just off Rt. 690, 4 miles south of the 7-Eleven Store at the junction of Rts. 7 & 690, Purcellville, VA.

NOTE: Jack and Barbara Van Ness, owners of Windlewood Farm, having other interests and being transferred out of state, will be selling their late model and well-maintained equipment.

HARVESTING: AVCO NEW IDEA UNI-SYSTEM, MODEL 802, 4 wheel drive power unit (new 1981), AC Turbo Diesel, all-seasons cab, 725 hrs., SN 88599; MODEL 858 DUAL SHELLER, SN 94509, (NEW 1982 - USED ON 300 A.C.); Model 844 W 4 row 36" corn head, SN 88013 (new 1981); Model 846 N 6 row 30" corn head, SN 83810 (new 1982); Model 818 grain combine, SN 90083 with Model 713S 13 ft. flexabean head w/hyd. head height control (new 1981). NOTE: This complete Uni-System is same as new and will be offered in various ways. NEW IDEA 60 ft. PTO 8" auger elevator on carriage, ex. cond.

TRACTORS: IHC MODEL 986 dual wheel tractor, SN 23198 w/all season cab (600 hrs.); IHC MODEL 656 standard diesel tractor, SN 8990; IHC MODEL D-150 track loader, SN L50P12199, ROP's, used 270 hrs. since eng. rebuilt; FORD MODEL 4500 diesel loader backhoe, SN 43101, w/12" & 14" buckets, 1237 hrs., good cond.; M.F. MODEL 711 GAS SKID LOADER, ROP's, SN 016, 300 hrs., ex. cond.

MACHINERY: IHC MODEL 800 Cyclo-air 6 row no-till corn planter w/liquid fert. tanks, monitor, SN 8340; (2) IHC #110 2 beater silage wagons; IHC #56 silage blower & 30 ft. pipe; IHC #10 grain drill; MILLER 10 FT. OFFSET DISC; Kilbros 375 bus. gravity flow wagon with hyd. auger; N.H. #273 baler (no kicker); N.H. #256 hay rake; N.I. #279 cut-conditioner; N.H. #382 liquid manure spreader; Woods cadet rotary mower; front mounted post driver; Wikomi 3 pt. hyd. dump cement mixer; 1225 GAL. FIBERGLASS ROUND DOME TOP LIQUID FERT. TANK; (2) Homelite fertilizer gas eng. pumps; flatbed 14 ft. wagon; 3 pt. round bale mower; hog feeder; auto. cattle waterers; misc. items.

TRUCKS, TRACTORS, TRAILERS: 1974 Kenworth conventional tandem tractor, 318 Detroit eng., 13 spd. trans., 50,000 mi. since out of frame overhaul, VG cond.; 1976 IHC 2070A tandem tractor, 290 Cummins eng., 13 spd. trans., VG cond.; 1978 Trailmobile 32 ft. alum. tandem dump trailer w/tarp & bows, VG cond.; 1974 Dorsey/Trailmobile 32 ft. alum. box on 34 ft. frame tandem trailer w/tarp & bows, VG cond.; 1969 Trailmobile S/Steel straight barrel 12 lb. product rear & center unload tandem tanker trailer, VG cond.; Donahue 21 ft. wood deck tandem equipment trailer; 1975 Chev. C65 single axle 18 ft. steel deck factory grain & cattle dual cyl. hyd. dump truck, 28,750 actual miles, VG cond.; 1965 Chev. C60 single axle flatbed grain truck w/rebuilt eng.; 1965 Chev. C60 single axle steel deck flat bed truck w/alum. side standards, ex. rubber; 1979 Chev. Cheyenne 10, ½ ton 4x4 pickup, good rubber, good cond.; 1976 Chev. Chevette automobile.

NOTE: All equipment sellling is in very good condition. Write or call Auction Co. for full descriptive brochure.

TERMS: Complete payment Sale Day by Cash or other Guranteed Funds. Financing available to qualified buyers for purchases in amounts ov $10,000. Contact Jim Trout 301-663-1555, prior to sale day.

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Sale Reports

A Public Auction of farm machinery was held June 4 by Earl C. Stauffer, R.D. 1, Weidmansville Rd., Ephrata, Lanc. Co., Pa. There were 179 registered buyers present.

Some prices were: Case 2090 D tractor $15,850, Hesston 7020 harvester & hay head $3350, 2 Int. forage wagons $3150 each, elevator $1175, N.I. manure spreader $1800, Case No. 1300 field cultivator w/McCurdy land leveler $1650 and 1975 Int. pickup truck $1275.

Auction conducted by John E. and Paul E. Martin, Auctioneers.

xxx

A Public Sale of oak furniture, wicker, dolls and old Xmas dec. was held June 4 by M. Warner, R.D., Schuylkill Haven, Wayne Twp., Sch. Co., Pa.

Enterprise 2 whee coffee grinder $220, planter peanut cans $15 to $20 each, antique glass figural Xmas balls $15 to $50 each, composition dolls $15 to $65 each, GAR Civil War cap $97.50, tin horse $37.50, pine jelly cupboard $190, pear-shaped pie board $67.50, dough pan $20, dove-tailed cradle $70, wicker baby carrige $80, wicker planters $25 to $37, ornate high oak bed $240, oak crank record player $160, oak youth bed $110, square oak table $140, round oak table $190, child's roll-top desk $60 and pressed back chairs $70 each.

Jay Riegel Jr., Auctioneer.

xxx

A Public Sale of antiques was held June 2 for the Florence M. Witmer Estate, R.D. 2, Conestoga, along River Rd., Lanc. Co., Pa.

Some prices were: 50 crocks $10 to $75 each, oak buffet $100, oak table $350, 7 pc. Victorian parlor suite $750, copper kettle $200 and brass bucket $65.

Jacob A. Gilbert was the auctioneer.

xxx

A Public Auction of tractors, harness making machines and household goods was held June 4 by Bill and Betty Calderhead, 758 Northbrook Rd., 6 miles northeast of Kennett Square, Pa. There were about 750 people attending this sale.

Some prices were: 2 Smithworking Hunt saddles $325 & $275, Gravely 5660 garden tractor $2250, Int. 17 h.p. garden tractor $3700, Int. 284 tractor $8000, fox hunting prints $300 & $525, Alder 105K8 leather sewing machine $1200, Singer 119 sticher $325, Singer Bar-Tack machine $750, Singer K25 sticher $700, Victorian roll top desk $1000, cherry drop leaf table $375, 8 hand decorated arrowback chairs $35 each and walnut gate leg table $300.

Whiteside & Associates were the auctioneers.

xxx

A Public Sale of farm machinery and guns was held June 4 by Smith Kilby, 7 miles east of Oxford in the village of Kelton, Chester Co., Pa.

Some prices included: Stanley saw $60, welding cable $57.50, wagon $180, A.C. "B" tractor & mower $960, GMC 1972 truck $1000, rotary cutter $210, generator KW15 $100, A.C. plow $80, corn sheller $85, disc $200, grain bin $375, rotary mower $100, double barrel gun $80, 22 auto. rifle $85, Savage 12 ga. pump $140 and white face heifers & steers $445, $410 & $390.

Auctioneer was Steve Petersheim.

xxx

A Public Sale of trains and guns was held June 4 by Mrs. Howard Ditzler, 518 Jonestown Rd., Lebanon, Pa.

Some prices received were: Fordson red belly 3 pt. hook up tractor $2200, 25 locomotives none under $100, some locomotives up to $290, Trio double barrel 12 ga. gun $100, Winchester mod. 12 ga. pump gun $285 and Yamaha 85 cc Champ motorcycle $350.

Auctioneers were Ralph Heisey and John Cooper.

xxx

A Public Sale of outstanding furniture and household items was held June 3 and June 4 for the Charles William Lugenbeel Estate at the Lemaster Community center, 12 miles southwest of Chambersburg, Franklin Co., Pa.

Some prices included: Walnut Victorian wardrobe $335, oak tea cart $320, childs rocker $85, Sterling tea infusers $50 to $85 each, walnut drop leaf table $380, Sterling 95 pc. flatware set $1020, oak china closet (without feet) $275, Muffineers (sugar shakers) $50 to $130 each.

J. Robert Meyers was the auctioneer.

The New Covenant Christian School Benefit Auction was held June 4 at Lebanon Area Fairgrounds, southeast of Lebanon, Pa. A large crowd attended the sale.

Some prices were: 48" x20" three dimensional painting by Zooks Art Studio $1900, School Emblem quilt $1150, 3 other quilts $500 ea., eggs $1 per doz., hamburger $1.35 per lb., hay over $100 per load, carpet $110 and 1968 Chrysler Imperial car $600.

Harry H Bachman was the auctioneer.

xxx

An Auction of antiques was held June 2 at 152 Fairgrounds Rd., Hatfield, Pa. Some of the prices were: oak side-by-side $420, 4 depression plates $22, oak table & 4 chairs $85, pressed-back chairs $32 each, 6 depression goblets $18, depression salt & pepepr shakers $22.50, marble washstand $260 and marble bureau (no mirror) $180.

Paul G. Derstein was the auctioneer.

Apple tree museum

(Continued from Page D30)

taken to a nursery where they are propagated into trees and later transplanted at the museum. This summer, Dr. Ritter hopes to obtain scions from old apple trees in Greene and Warren counties. If the grafts are successful, the trees should be in the museum in about two years.

Ritter credits horticulture department head F.H. Witham with encouraging expansion of the museum: "He wants to document where the varieties come from, explain their characteristics and keep things going."

The public is invited to tour the museum free of charge. Hours are 8 am to 5 pm with special arrangements available for tours at other times. The museum is located in Rock Springs on Rt. 26 South, not far from the University campus.

Ritter also encourages any Pennsylvanians who believe they have or know of a certain old apple variety or wish to support this effort to contact him. He can supply the complete list of apple trees already on hand to anyone who wants it.

"This is not a research project or a teaching lab," Dr. Ritter stresses. "It's a museum of Pennsylvania memorabilia, and it belongs to everyone in the state."

140 COWS & HEIFERS 140

TUESDAY, JUNE 14, 1983
at 7:30 P.M.

Directions: From Frederick take Rt. 15 North to Rt. 26 & turn left on Rt. 194, Sale Site is located approx. 1 mile North of Keymar & approx. 3½ miles South of Taneytown, Carroll County, Maryland.

CANADIAN & NEW YORK STATE DAIRY COWS

100 Fancy cows and 1st calf heifers from top herds in New York State and Canada. Most are fresh; some milking 80-100 lbs., the rest are close springers. About 30 are registered.

10 real sappy heifers fresh or close from a good Maryland herd.

SPECIAL MENTIONS

A real nice Roycedale Admiral daughter - 2 yrs. old and fresh. Grandam: GOOD PLUS 329 days 17,388 milk 641 fat 3.69 test. A 3 yr. old Trudgen Moch Four daughter, Dam is GOOD PLUS, 2nd Dam is GOOD PLUS, A 3 yr. old A Puget-Sound Sheik daughter due at sale time to Airportview Royal Emperor. A 3 yr. old Downalane Reflection Emperor daughter bred to A Old Ambt J Ensign. A Fancy 3 yr. old High Silo Sov Achilles daughter, Dam is GOOD PLUS, 2nd Dam is VERY GOOD. A smooth GOOD PLUS Almerson Rockman daughter due in June to High Silo Haven Jetstar. Dam is GOOD PLUS with 4.43 test, 2nd Dam is GOOD PLUS. A GOOD PLUS Sunnylodge Western Rockman bred to Almerson Rockman Lester. Also many other purebreds out of some of the best bulls in Canada. Catalogs at ringside.

NOTE: This is an extremely nice group of cows with lots of milk, type, and breeding. Dairymen, if you need lots of milk, please don't miss this sale!!!

ALSO SELLING:

40 Vac. 250-450 lb. open heifers out of a good herd from Jefferson County, New York. Several purebred heifer calves will also be sold.

HEALTH: Cattle will be tested for T.B. and Interstate Shipment within 30 days of sale. All cows are innoculated for shipping fever & I.B.R.

TERMS: Cash/Check on day of sale. Not responsible for accidents.

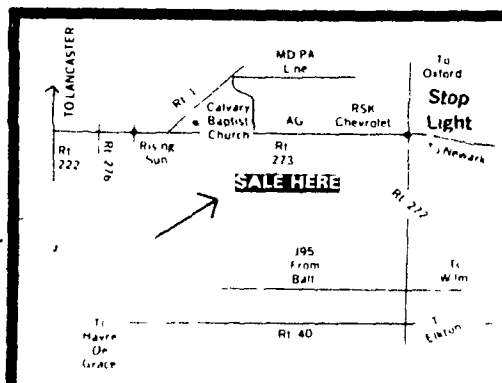
PICNIC

Free Barbecued Hamburgers and Hot Dogs, Potato Salad, Milk, Ice Tea, etc.

Sale Managed By:
TOM & DONNA KOLB
1516 FSK Highway
Keymar, MD 21757
301-775-7446 301-751-1244

Randy Ruby,
James G. Trout, &
Martha Strawsburg, Auctioneers
A. Doty Remsburg, Pedigrees

Sale held in Tent.



ANNUAL SUMMER AUCTION OF USED & NEW FARM EQUIPMENT

SATURDAY, JUNE 25, 1983
10:00 A.M.

TRACTORS
IH 340D
Farmall 300
Case 530
IH 424
Oliver 550
IH 560D
MF 35 w/ldr
IH Cub w/blade plow & Loader
Case DB 1212
Ford 9N w/loader
Yanmar 240 w/loader

FORAGE EQUIPMENT
NH 717 w/2R Hd
NH 770R2
NH 770 w/717R2 & WPU
NH 822
NH36 Crop Chopper
Fox Blower
Gehl 99 Blower
NH 28 Blower

CORN EQUIPMENT
AC 700 6R Planter
JD 1440 Planter
Moore Drill No Till
NI 325 2RN Corn Picker
NI 323 Corn Picker
NI 324W Super Sheller
(2) Woods Pickers

HAY TOOLS
NI 272 Cutditioner
NH 469 Haybine
NH 479 Haybine
Hesston 620 SP Haybine
NH 490 Haybine
NH 469 Haybine
NH 479 Haybine
NH 495 Haybine
NH 1495 SP Haybine
Case SP Windrower
NI 272 Cutditioner
NI 279 Cutditioner
NH 320 Hydro Baler
(2) NH 268 Baler
NH 53 Thrower
NH 282 Baler w/thrower
NH 270 Baler
NH 278 Baler w/thrower
NH 276 Baler w/thrower
JD Rake
Farmhand Wheel Rake
(3) NH 258 Rake
Oliver Rake
NH 256 Rake steel teeth
Pequea 7' Tedder

MOWERS
JD Sickle Bar Mower
AC B-10 Riding Trac. w/mower
Simplicity 208 Riding Mower
Jacobsen GT-10 Riding Mower
AC HB 210 Riding Tractor
Kubota 6100 Tractor w/B48A Mower

MISCELLANEOUS
(2) Cornell Gravity Boxes
NH Gravity Box
NH 1000 Bale Wagon
NH 1010 Bale Wagon
NH 1030 Bale Wagon
Belt Elevator
NH L35 Skid Loader
NH 775 Gas Skid Loader
NH 365 Tank Spreader
(NEW) NH 329 Box Spreader
Liquid Spreader
JD Disc
AC 2300 Disc
Crust Buster 10 ft Offset
IH 10 ft Disc
Midwest Harrow
JD Cultipacker Harrow
Mid Mounted Cultivators
Lely Rotera
JD 5 x 16 Plow
Brillion 7 Shank Soil Bldr.
Howard Rotovator

FORK LIFT & DOCK AVAILABLE FOR LOADING.
SALE ITEMS MUST BE MOVED WITHIN 15 DAYS FROM DATE OF SALE

ITEMS SUBJECT TO CHANGE DUE TO DAILY SALES

AUCTION BY:
AG-INDUSTRIAL EQUIPMENT CO., INC.
1207 Telegraph Rd (Route 273)
Rising Sun, MD
301-658 5568 301-398-6132 215-869-3542

Auctioneers:
Norman Hunter
Parkes T. Williams

FOOD AVAILABLE

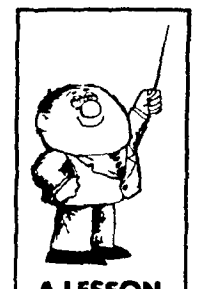
Public Auction Register

JUNE

SAT JUNE 11 9 AM Public Auction of Furniture, Antique Tools, Antiques, Carpenter Power and Hand Tools and Hershey and Dutch Day Items Located at 1703 Fishburn Rd, Hershey Dauphin Co, PA, from Hershey go south on Homestead Rd and turn right onto Rt 743 to 1st home on right or south of Hershey on Rt 743 to last home on left before Homestead Rd Robert W Auman Estate Harry H Bachman, Auctioneer

SAT JUNE 11 10 AM Public Auction of Farm Equipment, Cattle, Shop Equipment, Household and Antiques Located at the farm on Logan Rd, 1 mi off Rt 79 in Burdett, NY, 5 mi east of Watkins Glen, NY William Bachand Estate, Owner Howard W Visscher, Auctioneer.

SAT JUNE 11 - 9 30 AM Public Auction of Farm Equipment, Household Furnishings and Antiques Located 6 mi south of Frederick at 3040 Ballenger Creek Pike, Adamstown, Frederick Co., MD. Mr. and Mrs Joseph Thomas, Owners Dan Pool and Walter Gordon, Auctioneers



A LESSON WELL LEARNED...
LANCASTER FARMING'S CLASSIFIED ADS GET RESULTS!
Phone:
717-394-3047
or
717-626-1164

Public Auction Register

Closing Date - Monday, 5 00 P M
of each week's publication

SAT , JUNE 11 - Public Auction of Antiques and Personal Property Located in Terre Hill Boro. Mr and Mrs Irvine Good, Owners Randal V Kline, Lloyd Kreider and Roy Good, Jr , Auctioneers

SAT JUNE 11 - 10 AM Public Auction of Real Estate, Antiques, Collectibles and Household Items Located in the Borough of Pillow, PA along Rt 225 John E Snyder, Owner Lee D Dockey, Auctioneer

SAT JUNE 11 - Public Auction of Line Equipment and Vehicles. Located in Wrightstown, PA Vilsmeier Auction Co , Inc

SAT JUNE 11 - 9 30 AM Public Auction of Real Estate, Automobile Parts and Accessories, Trucks, Antiques, Collectables and Household Located from Williamsport, Rt. 15 South to the blinking light, turn right on Rt. 54 and proceed approx 1½ mi , sale on right. Carl E Potts, St , Owner Rell Auction

SAT. JUNE 11 - 10 AM Public Auction of Antiques, Household Goods, Jim Beam and Other Bottles, Quilts, Lionel and American Flyer Trains and Tools Located in Millersville Fire Hall, 25 E Charlotte St , Millersville, PA Mr and Mrs B Herbert Wiggins, Owners Howard Shaub and Roy C Probst, Auctioneers

SAT JUNE 11 - 10 AM Public Auction of Real Estate, Antiques and Furnishings Located 1 mi north of US 6, off Rt 409, between Towanda and Wyalusing, PA Howard J and Ruth V Booz, Owners Sanford A Alderfer, Inc , Auctioneers

SAT JUNE 11 - 10 AM Public Auction of Landscape Contracting Equipment and Real Estate Located in Ringoes, NY, Rt 31, 19 mi south of I-78, 9 mi north of Rt 95 Herman Panacek, Jr , Inc , Owner John Hedgepeth, Auctioneer

SAT JUNE 11 - 11 AM Public Auction of The Home Farm, Productive Farm Land and Wooded/Develop't Tract Located in Chester Co., PA, Five Point, Beaver Dam and 3 other Rds., Highland and E Fallowfield Twps Estate of Anne B D Dougherty Louis Trailman Auction Co.

SAT. JUNE 11 - 10 AM Public Auction of Equipment and Real Estate Located at Rt 31, Ringoes, NJ Herman Panacek, Jr., Owner John Hedgepeth, Auctioneer.

MON. JUNE 13 - 7 PM Public Auction of Bi-Level Home Located along Girl Scout Rd. in West Cocalico Township, Lancaster County, PA Harold Ray and Thelma H Burkholder, Owners John E and Paul E Martin, Auctioneers

TUES JUNE 14 - 5 30 PM Farmersville Auction in Farmersville, 3 mi East of Brownstown, Lancaster County, Pa John J Rutt, Auctioneers

TUES JUNE 14 - 8 PM DST Complete Holstein Dairy Dispersal to be held at Smoketown Quality Dairy Sales Co , Smoketown, Pa. Rt 340, 5 miles E of Lancaster, 5 miles W of Intercourse Sale managed by Gordon and Helen Fritz Carl Diller and Paul Snyder, Auctioneers.

TUES JUNE 14 - 10 AM Public Auction of Patio Doors, Windows, Cabinets, Tile, Lumber, Hardwood Flooring, Plywood, Roofing, Insulation, Nails, Carpet, Paneling, Doors and Wall Coverings. Located at Millhurst Mills, Millhurst, NJ William F Comley and Son, Inc , Auctioneers

WED JUNE 15 9 AM Public Auction of Trucks, Cars, Used and Surplus Equipment from Municipalities and School Districts Located at Green Dragon Farmers Market and Auction, just off Rt 272 between Reamstown and Ephrata Lancaster Co , PA Council of Governments of Northern Lancaster Co., Owner T Glenn and Timothy G Horst, Auctioneers

WED JUNE 15 7 30 PM Public Auction of Cattle, Machinery, Equipment, Produce and Milk Equipment Located at the village of Draper, PA, 1 mi south of Stony Fork, PA, Tioga Co Samuel Doak III and Kathy Doak, Owners D O Rockwell and Assoc , Sale Managers

THURS JUNE 16 - Monthly Cow Sale at Mel Kolb, Inc , Maryland Farm, Woodsboro, MD

FRI JUNE 17 - 5.30 PM Gap Auction. Antiques and Household Goods sold at every auction Located off Rt. 41, Lancaster Turkey Hill Minit Market, cross RR bridge, Ira Stoltzfus & Son, Auctioneers

FRI JUNE 17 - 7 PM Public Auction of Real Estate. Located on Mt Sidney Rd , in village of Witmer, 6 mi east of Lancaster, ½ mi north of Rt 340 at Smoketown. Steve Petersheim, Auctioneer

FRI JUNE 17 - 7 PM Public Auction of 4 Acre Real Estate, 4 Bedroom House, Horse Barn and Commercial Building Located in the village of Witmer. Jonas and Mary Stoltzfus, Owners Steve Petersheim, Auctioneer

FRI JUNE 17 - 5 PM Public Auction of Hardware, Farm Items, Fence, Appliances, Lawn and Garden Equipment and Supplies Located at 2600 W Market St , York, PA Agway, Inc , Owner Blaine N Rentzel, Auctioneer

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ABSOLUTE AUCTION
OF 10 ACRE FARM
THURSDAY, JUNE 30, 1983
at 7:00 P.M.

Located approx. 2 miles South of Elverson, just off Rt. 82. West Nantmeal Twp., Chester Co., Pa.

HOUSE - 2½ story, 5 bedrooms, full bath on 2nd floor, 1st floor has large kitchen, dining area, family room, plus 1 bedroom, also other storage area.

BARN - large bank barn, open stable plus several horse stables. Buildings are like new, only several years old.

LAND - 10 acres all open ground, small part pasture land with small stream flowing thru, remainder good farming ground; terrain mostly gentle slope.

TERMS: 10% down day of sale, 60 days settlement.

INSPECTION: Anytime by appointment.

Terms By:
AMOS S. & LYDIA S. FISHER
Elton Horning, Auctioneer
286-0135

AUCTION
FRIDAY, JUNE 17, 1983
At 5:30 P.M.

Rear 846 York Street, Hanover, York Co. Pa. 17331.

— Jennie Lynn Sporting carriage by Wise Sons, Orrstown, Pa;
— Turtle back cutter Sleigh;
— Bob Sled for logging;
— Mountville, Pa. hand made plow-share;
— Cider Press;
— Bag Wagons;
— Odd car parts;
— Unusual hay forks 2 & 1 prong;
— Chains;
— Oak barrel staves
Delco light generator
1912 Gas engine
Elec. pump
Steam boiler pump
Water pump
Water ram
Hand power saw
Cider press
— Walnut, cherry, cedar & oak, 30 year dried lumber.

Owner
HENRY J. STAMBAUGH
717-637-9107
Jim Crawford, Auctioneer

FARMERSVILLE AUCTION
TUESDAY, JUNE 14, 1983
5:30 P.M.

In Farmersville, 3 mi. east of Brownstown, Lanc. Co., Pa.

Selling the Wm. Auer Estate, Honey Brook plus additions.

Kitchen Aid portable dishwasher; trash compacter; 2 Gibson air conditioners (10,200 & 5,000 BTU); Console stereo; 2 utility cabinets; Bowers sideboards; grained drop leaf table w/4 boards; large contempory china closet; pizza or pretzel oven; pretzel warmer; Electrolux sweeper w/power nozzle; pink breakfast set; blonde waterfall dresser; blonde bedroom suite; cedar wardrobe; record cabinet; bedding; trunk; Hoover upright sweeper; John Deere "68" riding mower; dishes; small items; etc. etc.

WE SELL ON COMMISSION

Call **JOHN J. RUTT**
354-5095

Consignments being accepted for our July 4 Antique Sale.

ABSOLUTE AUCTION
R.W. HOLLINGER & SONS, INC.
LUMBER MILL
135 South Oak Street,
Manheim, Lancaster County, PA.

BUILDING MATERIALS
DIMENSIONAL LUMBER
SHOP EQUIPMENT
VEHICLES

SATURDAY, JUNE 18, 1983
Starting At 9:00 A.M.

BIN LOTS OF DIMENSIONAL LUMBER - Lath - Alumn. Roofing - Ceiling Grids & Tile - Plywood Sheets - Ext. Sheathing - Interior Doors - Plywood Sheeting & Underlayment - Roofing: Asphalt Paper, Flashing, Roof Coating, Roof Cement - DOOR & WINDOW UNITS - INSULATION - HARDWARE: Bolts, Screws, Nails, 5-Tier Nail Bin - MANY MISCELLANEOUS ITEMS.

SATURDAY, JUNE 25, 1983
Starting At 9:00 A.M.

Int. & Ext. Paint - Olympic Stain - Window Glass - Paint Conditioner - Paint Mixer - Wall Mtd. Glass Cutter - BUILDING MATERIALS & HARDWARE: White Pine Moldings, Oak Flooring - Fiberglass Insulation, Builder's Hardware & Cabinet Hardware.

OFFICE EQUIPMENT: Counter, Chairs, Table, Cherry Partner's Desk, File Cabinets, Add Mach.

VEHICLES AT 1:00 P.M.

1968 Chev. 14' Flatbed w/Hoist - 1974 GMC 3/4 Ton 8' Fender-side Pickup - 1963 Chev. 12' Flatbed w/Hoist - 1959 Case Tractor.

SHOP EQUIPMENT

Rockwell Joiner - 30" Drum Sander - Oliver 24" Planer - Tenon Mach. - DeWalt 14" Radial Arm Saw - Crescent Mortise Mach - 14" Table Saw - Delta Shaper - Panel Saw - Delta Saw/Joiner Comb. - Vert. Band Saw - Dewalt Arm Saw - 14" Drill Press - 7" Bench Grinder - New Elect. Joiner & Planer Blade Sharpener - 1 Ton Elect. Truck Lift - Cement Finisher - Boiler Vacuum - Schramm Air Compressor - Power Hand Tools.

NUMEROUS SHOP & YARD EQUIPMENT

Sale Conducted By
CONESTOGA AUCTION COMPANY
P.O. BOX 1, MANHEIM, PA.
717/898-7284
Walter L. Bomberger, Jr.
J. Donald Longenecker
Auctioneers

PUBLIC AUCTION
SURPLUS SCHOOL & SHOP EQUIPMENT
TRUCKS; CARS
TUES. JUNE 21, 1983
4 P.M.

Turn west off Rt. 61 at Hamburg State Police Barracks for 2½ miles to the Blue Mt. Academy Campus.

350 metal folding chairs; folding tables; metal & wdn. desks; 50 wdn. side arm desk chairs; 500 foldup theatre style auditorium seats; lg. stage back drop & side curtains; 6 elec. sewing machine; Royal manual typewriters; opaque projector; lg. metal map case; 50 maple chairs; misc. kitchen items inc: trays, glasses, racks, SS milk dispenser & commercial garbage disposal; ss kettle; floor polishers; commercial vac. cleaners; sump pump; power hacksaw; 2 Avey industrial drill presses; Johnson commercial metal bandsaw; Westinghouse 200 amp elec. welder w/6 cyl. gas engine; port. Curtis 2 cyl. air comp. w/Wisconsin gas engine; 10 KW elec. generator w/gas engine; Bobcat 42" snow thrower w/gas engine; G.E. 200 amp AC-DC welder; lg. 5 hp 3 ph. commercial duty air comp; Sunnen reamer-honer; Worthington 3 sec. gang mower; pallet truck; Forney elec. welder; 1&3 ton chain hoists; air greaser; parts washing tank; elec. hand grinder; port. valve grinding kit & spring compressor; sm. floor model drill press; (2) 42" squirrel cage fans; asstd. tires inc (4) 11.00-20; 2½"x24" hyd. cyl; 25 hp 3 ph. motor; single ph motor 1 to 3 hp; hundreds of lbs. asstd. nuts & bolts ¼" to 3/4"; elc. wire cable; flexible steel tubing; 1974 3;;4 ton Chevy pickup V-8, auto.; 1955 Ford F250 3/4 ton trk w/8' stake body; 1971 Ford 4 dr. sdn.; 1966 Ford Galaxy 4 dr.; rebuilt 283 short block; Weaver manual crane for tow trk; 4 whl. trailer w/18' alu. body; fast hitch tool bar; dbl. SS wash tubs; Alu. window units; 4 sets dbl. wdn doors; wdn. stair unit; lot glass blocks; dzs. windows & doors; new gas hot water heater; 30"&40" elec. ranges; 8' kit. base cabinet w/sink; asstd. roof slate; raised panel doors; lot asstd. wood remnents for wdn. shelving, etc; plus many items too numerous to mention.

Terms-Cash or check, sale day
Refreshments available

Held for
BLUE MOUNTAIN ACADEMY
Conducted by Ralph W. Zettlemoyer Auction Co. Inc.
(215) 395-8084

PUBLIC AUCTION
OF STANDARDBRED RACE HORSE & FARM EQUIPMENT
SATURDAY, JUNE 18, 1983
1:00 P.M.
at
J.D.'s Twin Springs Farm, Inc.
Christiana, PA

Directions: From Route 41, go to Route 372 West and continue to Upper Valley Road and turn left to the first farm on left.
From Oxford or Lancaster, take Route 896 to Green Tree Inn, turn East (from Lancaster, left turn; from Oxford; turn right) and continue to stop sign at four way intersection, continue straight about one mile to first farm on right.

The auction will consist of the following:
Six Horse Shoop trailer, goose-neck with current Pennsylvania inspection; Four-horse goose-neck Shoop trailer with current Penna. inspection; 1978 one-ton Chevrolet Pick-up, C-30 Scottsdale w/dual wheels; **electric tread mill** to exercise horses; **portable Stock** for examining and/or working with horses.

Allis-Chalmers 175 Diesel Tractor (like new) w/three point hitch and wide front end; Bob Cat w/two buckets (one, 3½' blade; one to fit in stalls), in good condition; New Woods mower, Model 208, 100 in. (8' x 4"); Lapp elevator w/electric motor; manure spreader; farm wagon; two pasture drags; 10' x 10' panels for portable stalls; jog cart; two racing bikes; steel jog cart for breaking colts; pick-up starting gate.

Aluminum extension ladders; electric wire fence post; oxygen tanks & masks for foaling; electric fly & barn sprayers; 13 tack trunks; wooden hobble holders; water buckets; metal & rubber feed tubs; forks; shovels; brooms; rakes; 12 show feed tubs; animal vacuum cleaner; racing harness (leather & plastic); boots, hobbles & asst. of racing equipment; equipment for preparing yearlings for horse sales & other farm items.

Air-conditioner; steel office desk; office chairs; office size refrigerator; kitchen table & chairs.

TERMS: CASH OR CERTIFIED CHECKS. All accounts must be settled day of sale.

J.D.'s TWIN SPRINGS FARM, INC.
Box 358A
Christiana, PA 17509

Martin Auctioneers. Inc.
Larry L. and Paul Z. Martin, Jr.
P.O. Box 477 - Intercourse, Pennsylvania 17534
717/768-8108

6A. COUNTRY REAL ESTATE AT
PUBLIC SALE
SATURDAY, JUNE 25
1:00 P.M.

Located in Juniata Co. along Shade Mt.

2 A. cleared; 4 A. woodland; 5 rm. frame dwelling; sm. barn & workshop; Mt. stream.

FOR INFO. CONTACT AUCTS.
LONG BROS., AUCTS.
PORT ROYAL, PA.
R.D. #1 17082
PH. 717-527-4458

FEATURING FIRST
AND THIRD MONDAY
EACH MONTH

GRADED FEEDER PIG SALE

1:30 p.m. Sharp!

Telephone 302-734-2016 or 284-4541
Tele-O-Auction - 302-284-4912

* Tele-O-Auction - Bid over the telephone.
* Easy to reach - Rt. 13, on South Bound Lane, approximately 10 miles South of Dover, Delaware.
* Quick Service - Load & Unload.
* No Dealer pigs
* Pigs received after 7 a.m. until 11 a.m.
* Consignors - Paid day of sale.
* Veterinarian inspection on premises - Dr. Towers.
* State Graded.
* Pseudorabies Free State.

Auctioneers-Harry Barrett - Chester Lee Carroll

AUCTIONS OF ALL TYPES

PUBLIC SALE
SATURDAY, JUNE 18, 1983
9:00 A.M.

Located approximately 5 miles South of Westminster on U.S. 140 take Sandymount Road to Lawndale Road to sale.

ANTIQUE STEAM ENGINES & GASOLINE ENGINES

60 HP Case Steam Tractor Engine run three times since reflued. 45 HP Bevel gear Autman-Taylor Steam Tractor Engine built in early 1890's. 6 HP Fairbanks Morse gas engine on cart, 4 HP Associated gas engine on cart, two 3 HP International gas engines, 3 HP Associated gas engine, 1 3/4 HP Associated gas engine, 1½ HP Air cooled Waterloo Boy gas engine, 3 to 5 HP IHC parts engine, Newway gas engine garden tractor, 12-20 Cross Motor Case tractor.

STEAM ENGINE, GASOLINE ENGINE & MODEL "T" PARTS

Steam engine parts: injectors, oilers, governors, crosshead pumps- one brass for Huber, Frick and Case and IHC, gas engine coils. Model "T" parts: brass radiator, other radiators, radiator shields- one nickel plated, headlights, coils, 3 parts engines, Ruxel 2 speed rear, truck frame, parts for other old cars, wagon load of antique parts and lots of other parts not listed.

ANTIQUE TRUCK & FARM ITEMS

1936 Ford 1 Ton truck, horse drawn mower, binder, hay carriage, seed cleaner, old plow, grain cradle, corn sheller, two pump jacks, R/R jack, two-plate coal or wood stove, old farm blacksmith forge with blower operated by wooden lever, two blacksmith forge fire pots, electric ceiling hoist with track, large drill press with electric motors, 12 volt hydraulic pump with motor and valve, wooden windows, 7¼ HP garden tractor with attachments, roto tiller, rotary mower, sickle bar mower, snowblower, snowblade, cultivators, lay off and cover up plows, snowblade for Wheelhorse riding mower and many other items too numerous to mention.

Owner,
WILLIAM E. BURKE
2800 Lawndale Road
Finksburg, Md. 21048
848-2603

Auctioneers:
Stewart K. Wisner, 848-4640
Maurice Wentz
Terms: Cash
Not responsible for accidents
— Clip This Ad —

MACHINERY & OTHER ITEMS AT
PUBLIC AUCTION
FRIDAY EVENING, JUNE 24
7:00 P.M. SHARP

Located in Juniata Co., 1 mi. west of Port Royal along Rt. 333. Direction signs along Rt. 75, just south of Port Royal.

Int. Farmall 966 diesel w/year round cab, good rubber, good cond.; Int. Farmall 656 gas, good cond.; 20 front end wgts.; Case #970 Agri-King diesel, wide front, good rubber, good cond.; Int. B-414 diesel utility tractor and Int. #2001 manure loader, (tractor & loader will be offered separate and as one unit); 2 I.H. semi-mount 16 in plows #540-4 bottom & #510-5 bottom; I.H. #315 - 12 ft. transport harrow-cultipacker comb.; Int. #990 haybine; Int. #350 - 11 ft. transport disc; I.H. #234 mounted, picker-sheller; Int. #56-4 row corn planter w/liquid fertilizer tanks; Int. #650 harvester w/corn head; I.H. 3200 series skid steer loader, needs repair; large General Motors power unit on old truck chassis, needs repair; 4 section spring tooth harrow; new 20 ft. 6 in. auger elevator; polyethylene auger hopper; 2 Grove bale wagons; 2 gravity bin wagons; 6 ton round metal feed bin; 4 dbl. 20 hole Smidley Ranger wooden hog feeders, good cond.; approx. 24 metal 33 in. x 43 in. barn window frames; approx. 20 utility poles of various lengths up to 33 ft.; other pcs. of machinery in need of repair including 3 one ton flat bed older model Chevy trucks.

TERMS - CASH OR GOOD CHECK.
FARMERS HOME ADMINISTRATION
PLUS OTHER OWNERS
Long Bros. Aucts.
Ph. 717-527-4784

PUBLIC SALE
AGWAY, INC.
2600 W. Market St.. York. Pa.
FRIDAY, JUNE 17, 1983
5:00 P.M.

This is our Semi Annual Auction of:
SURPLUS, OBSELETE & TRADE-IN INVENTORY HARDWARE

Misc. Welding equipment including 1 New High Frequency Arc Stabilizer, 30 Amp battery charger, Chimney brushes, all chimney sweep products, Foundation coating, cold application cement, paint, tool boxes, fire ladder, toilet seats, electric motors, good selection of hand tools, water faucets, Romex wire, painting kits, load binders.

FARM ITEMS

Used Agro-Tec Sprayer, 500 gal. tank, PTO pump, trailer type, calf stalls, hog feeders, Walk Away Automatic Oiler (not complete), Hay Racks.

FENCE

6 ft. Stockade - several 100 ft., 3 hole Split Rail fence, Red Cedar Split Rail - several 100 ft., ½ Rd. wood fence. LUMBER - Treated lumber - 2x4 - 1x6

APPLIANCES

30 gal. Electric water heater, 40 gal. Natural Gas water heater, used 40 gal. Electric water heater, 15 cu. ft. chest freezer, 12000 Grain water softner, humidifiers, Dryer Lint Trap kit, electric appliance cart.

LAWN & GARDEN EQUIP. & SUPPLIES

Chopper I splinting Mauls, Hose Hangers, Maul Handle Guards, Japanese Beetle Traps, Gyspy Moth Traps, gas powered log splitters, Homelite Woodcutter kits, Double Bit axes, New 11 hp. Light Duty Tractor, New 5 hp. Tiller, New 3 hp. Tiller, New 3½ hp. 20" Deluxe push mower, 7½ cu. ft. lawn trailer, 6½ cu. ft. Simplicity Carts, New 3 hp. Snow Blower, Lawn Roller, 10" Plow, New 22" 3½ hp. Rear Wheel Driven mower, some used power equipment, 8x8 Wood Economy Barn Kit, Picnic Table kit, other misc. items.

This is just a partial listing of what we have, there will be other items added by sale day.

TERMS: Cash or Good Check.
Refreshments by Stoverstown 4-H Club.

AGWAY, INC.
2600 W. Market St.
York, Pa.

Auctioneer: Blaine N. Rentzel
Emigsville, Pa.
Ph. 764-6412

Public Auction Register

Closing Date - Monday, 5.00 P.M.
of each week's publication

FRI JUNE 17 - 11 AM Public Auction of Cattle, Farm Equipment, Produce and Milking Equipment Located just off Oxford Rd , 3 mi south of Chester, NY, use exit 126 off Quickway to Rt 17M south to Oxford Rd. Mr. Joseph B. Thompson, Owner Howard W Visscher, Auctioneer

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EPHRATA MENNONITE SCHOOL SECOND ANNUAL BENEFIT
PUBLIC AUCTION
SATURDAY, JUNE 18, 1983
at 9:30 A.M.

Location: Take Route 272 North from Ephrata to Schoeneck Road, take Schoeneck Road approx. ½ mile to the "Ephrata Mennonite School" on left. Ephrata Township, Lancaster County, Pa.

FORTY "PLUS" QUILTS

in various sizes and patterns including: Log Cabin, Dahlia, Dresden Plate, Texas Star, Star, Trip-Around-the-World, World Without End, Blue and World Mosaic, Double Wedding Ring, Blue Carpenters Wheel, 4-inch Patchwork, Colonial Star, Lone Star and others. FEATURE QUILTS: COVERED BRIDGE SCENE QUILT, hand appliqued. INDIVIDUAL STUDENT DESIGNED EMBROIDERED PATCH QUILT MADE BY THE JR. HIGH GIRLS. CRIB QUILTS: Trip Around the World and Holly Hobby.

2 KNOTTED COMFORTS — 4 CUSHIONS

BEEF BY THE QUARTER
Frozen and Wrapped

6 half hogs to be picked up at the butcher. 5 sticks of pork roll. Chicken products from Victor Weaver.

GIFT CERTIFICATES FROM
AREA BUSINESSES
DINNER TICKET FROM
AREA RESTAURANTS

3-D Picture of the Ephrata Mennonite School by area artist. Other local Crafts including Decoupage Scenery Pictures by the Jr. High boys.

LAWN & GARDEN EQUIPMENT

Bolens 22-inch Self-Propelled Mulching Mower; Lawn Boy Mower; Chain Saws; Assortment of Used Lawn Mowers; Garden Tools; 2 Skil Saws.

FARM ITEMS

2 Pickup Loads of Ear Corn; Dump Truck load of Ear Corn; Horse Feed; ANGUS HEIFER CALF; 2 Ewe Lambs; Hog Equipment; Free Ag Lime Hauling.

- 4 LOAD CRUSHED STONE
- 2 STUMP REMOVALS
- 10 HOURS BACKHOE WORK
- 5 HOURS BULLDOZER WORK
- 8 HOURS LABOR FOR PAINTING

NEW RECLINER, 11,000 BTU Kerosene Heater and other Furniture.

Large Assortment of Greenhouse Plants

MISC. ITEMS

Bell and Howell Slide Projector, like new; 2 Load Firewood; 1-Ton Water Softener Salt; Dog, Cat and Rabbit Feed; New Tires and Batteries; Smoke Detectors; Lumber Supplies; E.N.B. Collector Plates; 3 Cases Dry Gas; Check Book Case Calculators; Farm Equipment Toys. This is a partial listing. There will be many more items by Auction day.

Auction by
THE EPHRATA MENNONITE SCHOOL
R.D. #1 Ephrata, Pa. 17522
Auctioneers
John E. Martin — Paul E. Martin
Merle Eberly — Charles Bachman
John Stauffer

Any patrons or friends of the school wanting to donate items for this Auction may contact one of the Auction Managers or bring their items to the school the morning of the Auction. AUCTION MANAGERS: Eugene K. Martin 626-4974, Eugene K. Martin 267-2690, David Martin 733-3565, Lloyd Burkholder 733-2972, Leon Hurst 733-7185, Lester Newswanger 733-6135.

This is your opportunity to support the Ephrata Mennonite School, by attending this Auction. Auction to be held in tent - Bring your lawn chairs and plan to spend the day with us.

Food at Auction
Chicken Bar-be-cue — French Fries
Strawberry Pies — Ham Sandwiches

FRI. JUNE 17 - 6:30 PM. Consignment Sale of Feeder Pigs and Feeder Cattle. Held at Keister's Middleburg Auction Sales Inc , Rt. 522, 3 mi east of Middleburg, 5 mi. west of Selinsgrove, PA.

SAT JUNE 18 - Benefit Auction. Located at RD 1, Ephrata, PA. Ephrata Mennonite School. John E and Paul E. Martin, Auctioneers.

SAT., JUNE 18 -, Public Auction of Shrubbery, Trees and Plants. Located along Bowmansville Rd., Rt 625 North of Bowmansville under Turnpike Bridge, turn left 2nd rd to stop sign, turn right 1 mi to Good's Greenhouse. Good's Greenhouse, Owners Randal V Kline, Lloyd H Kreider and Roy Good, Jr , Auctioneers

SAT JUNE 18 - 10 AM Public Auction of Real Estate, Antiques, Collectibles, Guns and Household Goods Located approx 1 mi east of Carsonville, PA in the East End of Powells Valley, Dauphin Co , PA, 20 mi northeast of Harrisburg on Rt 225 and East 9 mi on Powells Valley or State Game Land Rd., from Elizabethville, take Rt 225 southwest approx 1½ mi then south on Mountain House Rd to the Powells Valley Rd and east 2 mi to sale Mr and Mrs William O Campbell, Owners Edwin E Shoop and David Deibler, Auctioneers

SAT JUNE 18 - 10.30 AM Public Auction of Farm Equipment Located at Hunter's Sale Barn, Inc , Rt 276, Rising Sun, MD Norman E Hunter and Parkes T Williams, Auctioneers.

SAT JUNE 18 - Public Auction of Trucks and Vehicles Located in Iselin, NJ. Vilsmeier Auction Co., Inc

SAT JUNE 18 - 8.30 AM Public Auction of Farmette, Parcel, Rancher, Car, Generator, Tractor, Antiques and Household Goods Located along old Rt 61 behind Tom Schaeffer's Camping and Travel Center, Shoemakersville, Berks Co , PA Verna Mengel Estate Kenneth P Leiby, Auctioneer.

SAT JUNE 18 - 10 AM Public Auction of Antiques, Household Goods, Guns and Coins Located along Quarry Rd , between Leola and Rt 272 near Stoltzfus Stone Quarry, Upper Leacock Twp , Lanc. Co., PA Esther B Benner, Owner T Glenn Horst, Auctioneer

SAT JUNE 18 - 12 30 PM Public Auction of Cattle Located at Mercer Sale Barn, Mercer, PA, 3 mi north of I-80 on State Rt #19 Mercer Livestock Auction.

SAT JUNE 18 - 12:30 PM Public Auction of Cattle. Located at Cortland Sales Pavilion, Rt. 41, just off I-81, toward McGraw, Cortland, NY A.V Zogg, Auctioneer

SAT JUNE 18 - 1 PM Public Auction of Cattle Located 2 mi north of Spring Creek, PA on Blue Eye Rd , or 7 mi east of Corry, PA on U S 6, then 2 mi south on Blue Eye Rd , black top road, watch for sale signs Mickey or Ed Sekerak Ronald Reed and Ed Sekerak, Auctioneers

SAT JUNE 18 - 1 PM Public Auction of Standardbred Racehorse and Farm Equipment. Located from Rt 41, go to Rt 372 west and continue to Upper Valley Rd. and turn left to the 1st farm on left, from Oxford or Lancaster, take Rt 896 to Green Tree Inn, turn east, from Lancaster left turn, from Oxford turn right and continue to stop sign at four way intersection, continue straight about 1 mi. to 1st farm on right J.D.'s Twin Springs Farm, Inc , Owner Martin Auctioneers, Inc

Public Auction Register

Closing Date - Monday, 5:00 P.M.
of each week's publication

SAT. JUNE 18 - 9 AM Public Auction of Tractors, Antique Cars, Shop Tools and Carpenter Tools. Located approx 5½ mi northwest of Stewartstown, turning off the Plank Rd onto Hamestown Church Rd and proceed to Line Rd, turn left and 1st place on left, New Freedom, R D. 2, York Co, PA Gilbert L. Mitzel, Owner. Bob and Tom Sechrist, Auctioneers

SAT JUNE 18 - 9 AM Public Auction of Antique Steam Engines, Gasoline Engines, Model "T" Parts, Antique Truck and Farm Items. Located approx 5 mi south of Westminster on US 140 take Sandy mount Rd to Lawndale Rd to sale William E Burke, Owner Stewart K Wisner and Maurice Wentz, Auctioneers

SAT JUNE 18 - 2 PM Public Auction of Farm Located along Mt Airy Rd between Schoeneck and Mt Airy, turn right on Sandy Hill Rd, take 1st road to the left which is Hillside Rd, approx ½ mi. on the right. John E and Alice R McPeake, Owners Chester K Long, Auctioneer

TUES JUNE 21 - 6 PM Public Auction of Body Shop Equipment Located north of Ephrata along Rt 272, across from Hess Foods, East CocalicoTwp, Lancaster Co, PA James J Ting, Owner T Glenn Horst, Auctioneer

TUES JUNE 21 - 4 PM Public Auction of Surplus School and Shop Equipment, Trucks and Cars Located turning west off Rt 61 at Hamburg State Police Barracks for 2½ mi to the Blue Mt Academy Campus. blue Mountain Academy, Owner Ralph W. Zettlemoyer Auction Co., Inc.

TUES JUNE 21 - 5 30 PM Farmersville Auction in Farmersville, 3 mi East of Brownstown, Lancaster County, Pa John J Rutt, Auctioneers

WED. JUNE 22 - Public Auction of Crushers, Vibratory Screens, Motor Scrapers and Etc Located in Falls City, TX Vilsmeier Auction Co, Inc

WED JUNE 22 - Bankruptcy Auction Located in Wilmington, DE A J Matas, Auctioneer

WED JUNE 22 - 10 AM Public Auction of Hog Farm Located in Hampton Twp., opposite Kittatinny Reg. High School entrance, just off Rt. 206 north of Newton, NJ W. Masker, Owner Castner Estate Service.

THURS. JUNE 23 - 9.30 AM Public Auction of Carpenter Tools, Antiques, Engines, Household Goods. Located at Soudersburg, PA. Elam and Sara Fisher, Owner Steve Petersheim, Auctioneer.

PUBLIC SALE

FARM TRACTORS, ANTIQUE CARS, SHOP TOOLS & CARPENTER TOOLS

SAT. JUNE 18

at 9:00 A.M.

Located on the premises approx. 5-1/2 miles northwest of Stewartstown, turning off the Plank Rd. onto Hametown Church Rd. & proceed to Line Rd., turn left & first place on left, New Freedom, R D. 2, York Co., PA.

5 - TRACTORS - 5

Farmall M tractor, 3 Farmall H tractors, Massey Harris #30 tractor w/3 pt hitch, 1950 2 dr Chevy coupe, 1958 2 dr Ford sedan, Rockwell Delta band saw, 2 bench grinders, Lincoln welder, 5 sp 1/2" drill press, Sears table saw w/motor, 2 B & D workmate tables, miter saw, Craftsman paint spray gun, belt sander, sm lathe, chain saw, reel power mower, 2 wheel walk behind garden tractors, snow blower, power hand tools, lots of lawn & garden tools, 2 farm wagon loads of small tools & carpenter tools & hardware, bolts, etc, bar clamps, Wisconsin air cooled engine, chicken feeders, platform scales, some antique tools such as broad axes, adz, etc, 2 butcher kettles, stirrers, sausage stuffer, meat grinder, butcher kettle, asst of crocks, meat saws, iron hog trough storage cabinets, lawn sweeper, ladders & many items not mentioned

Auct. Note. This is only a partial listing

Terms. cash or approved check.

Owner,
GILBERT L. MITZEL

Auctioneers,
Bob & Tom Sechrist
Clerks,
Anderson & Warner

Not responsible for accidents
Refreshment rights reserved

PUBLIC AUCTION

OF VALUABLE REAL ESTATE

SAT. JUNE 25

at 1:30 P.M.

Located 15 miles west of Bedford Turnpike interchange and 2 miles east of Pleasantville, off Rt. 56 at Chestnut Ridge Market, Bedford Co., PA, at the late Dr. J.H. Kniesley farm (Hays farm).

CONSISTING OF 2 FARMS

Tract #1-Approx. 62 acres of tillable farmland, fronting on a township road, small stream in the back, also bordering Dunnings Creek, land is level to gentle slope under cultivation.

Tract #2-Consisting of Approx. 174 acre farm, bordering on Dunnings Creek, Township road to building, with a log covered house, 30x70 concrete silo, approx. 16x35 concrete silo, 2 sheds, small stream through property, land is level to very gentle slope. For information and inspection phone 814-839-2713 or 814-276-3272.

Terms - 10% down day of sale cash or check, balance upon delivery of deed.

Stanley Claycomb, Auctioneer
814-276-3272

PUBLIC SALE

OF ANTIQUES, HOUSEHOLD GOODS, GUNS AND COINS

Leola Area

SATURDAY, JUNE 18, 1983

At 10 A.M.

Coins at 1 P.M. Guns 1:30 P.M.

Located along Quarry Rd. (between Leola & Rt. 272 Near Stoltzfus Stone Quarry), Upper Leacock Township, Lanc. Co., Pa.

12 Light Corner Cupboard; Dutch Cupboard; Antique Slant Top Desk; Jelly Cupboard; Grained Blanket Chest; Oak Bedroom Suite; Oak Dresser; Oak Parlor Tables; Oak Library Table; Treadle Sewing Machines; Square Oak Extension Tables; Oak Office Chairs; Grained Dry Sink; Spool Bed; Cane Seat Rockers; 6 Maple Chairs; Half Spindle Chairs; Oak Rockers & Chairs; Gingerbread Mantel Clock; "Cupid Awake & Asleep" Pictures; Floor Model Radio; Coal Heatrola; Gas & Coal Cook Range; Benches.

CHINA — "Montrose" England; "WARWICK" JOHN MADDOCK & SONS, ENGLAND; Lasso Bavaria Plates; Flow Blue Dishes; lots of Nippon & Noritake; Fruit & Flower Bowls; 1918 Calendar Plate; DEPRESSION; PRESSED & PATTERNED GLASS; Berry Set; Water Set; Antique Milk Glass; Earthen Bowls; Crocks; S.K. Zook Silverware; Wooden Handle Froks; Ladles; Flat Iron; Iron Kettle; Agate Pitcher; marbles; Doll.

Many Antique Books; Early Bibles; Antique Photo Albums; Daguerreotypes; Stamps; Show Towel "1832 Elizabeth Neff"; Fancy Work; Old Linen; Antique Clothes; Pocket Watches; Gold Ring.

Double Barrel Flintlock Shotgun; Winchester (Model 12) 16 ga. Pump Shotgun; Winchester (38-40) Model 1873 Lever Action Rifle; Winchester (Model 67) 22 ga. Rifle.

Pumps; Lanterns; Pitcher Pump; Buck Saw; Antique Tools; Bar Scale; Wooden Wheelbarrow.

1965 Chevy 4 Door Sedan; 1950 Dodge Pickup Truck.

2 - $2.50 GOLD PCS.; Gold Teeth; 8 Silver Dollars; Silver Halves; Quarters & Dimes; Wheat, Steel & Large Pennies.

Terms by:
ESTHER B. BENNER

T. Glenn Horst, Auct. - 859-1331

ABSOLUTE AUCTION

SATURDAY, JUNE 18th

10:00 A.M. Rain or Shine

Corner of Rts. 611 & 642, Amissville, Va.

Lease has expired; everything must go! Directions: Go to Amissville, Va. Rt. 211 to Rt. 642 East app. 1¼ mi. to Rt. 611, 1st driveway on left, brick gate post.

Long #910 Diesel Tractor (app. 900 hrs. 85 H.P.); I.H. 300 Utility Tractor (gas); New Idea #10 Corn Picker (1-Row); Bush Hog Rotary Cutter (6' 3 Pt. Hitch); I.H. 16' 3-Bottom Plows; I.H. 16' Cultipacker; McCurdy Gravity Flow Wagon; Round Bale Mover; Little Giant 32' Hay & Grain Elevator (P.T.O. & Elec.); Gehl #770 Haybine; New Holland Hayliner #273 Baler; I.H. 2-Row Corn Planter; I.H. 13 Spout Drill; I.H. 3 Pt. Hitch Disk; Pittsburg Transporter Disk; I.H. 2 Pt. Hitch Sickle Bar Mower; Jerry Dan 16' Flat Bed Wagon; Like New Wire Corn Crib (app. 90 Barrels); I.H. 6-Row Hydro Seeder Air Corn Planter; 12' Chain Drag; 2-Wheel Farm Trailer; 3 Pt. Hitch Rear Mount Seeder; 8'x12' Plywood Building; App. 50 Metal Fence Post; Lot Oak Boards; (5) Rabbits; Several Rabbit Pens; (2) 550-Gal. Fuel Tanks & Pumps; (2) 275-Gal. Tanks.

OTHER MISC. ITEMS NOT LISTED.

Terms: Cash

Lunch Served

Owner:
CHARLES ASHBY GREEN

Auctioneer: Col. Tom Reese

AUCTION SALE

SALE BY ORDER OF SECURED PARTY

TRUCK TRACTORS, FLATBEDS, P.U. TRUCK

148 FORKLIFT TRUCKS

THURSDAY, JUNE 23, 1983

10 A.M.

ON PREMISES

COLIFT, INC.

JACKSONVILLE ROAD, IVYLAND, PA

TRUCK TRACTORS, FLATBEDS, PICK-UP TRUCK

(1) 1981 Toyota 3/4 Ton Pickup Truck, (4) 1980 International Truck Tractors, Model COF 4070B, Detroit Diesel 8V92TA, Fuller Roadranger RT-12509, Sleeper Cabover, Air Slide 5th Wheel, Engine Heater, 38,000# Rear, T.A. 1100 x 24.5 Radials, Disc Wheels. (3) Budd 40' Flatbed Trailers w/Bulkhead, Sliding T.A. 1100 x 24.

148 FORKLIFT TRUCKS, PARTS & ACCESS.

148 Asst. Used Forklift Trucks, Various Makes & Models Including Yale, Clark, Toyota, White, Hyster, Towmotor, Caterpillar, Baker, Pettibone, Allis-Chalmers, Etc., 1000 to 20,000 lb. cap. Gas, Propane & Electric; (1) Wayne Floor Scrubber; (18) Electric Pallet Jacks, Stackers, Pushers and Movers, Battery Trucks, Forks, Pallet Shelving, Parts Bins, Assorted Parts and Accessories.

Inspection: WEDNESDAY, JUNE 22, - 9 A.M. to 4 P.M.

TERMS: CASH OR CERTIFIED CHECK - 25% DEPOSIT REQUIRED

Wm. F. COMLY & SON INC
Auctioneers
1825 E. BOSTON AVE., PHILA., PA. (215) 634-2500

PUBLIC AUCTION

9.56 ACRE FARMETTE, 21.4 ACRE PARCEL, 3 BEDROOM STONE RANCHER, 1967 BUICK ELECTRA, OMAN GAS GENERATOR, JOHN DEERE RIDING TRACTOR, ANTIQUES & HOUSEHOLD GOODS

SATURDAY, JUNE 18, 1983

at 8:30 A.M.

Located: Along old Rt 61 behind Tom Schaeffer's Camping & Travel Center, Shoemakersville, Berks Co., PA.

REAL ESTATE *consists of:*

1) 9.56 Acre Farmette - 2 story perma-stone barn w/grinder & mixer; 2½ story perma-stone home w/4 bedrooms, kitchen, living room, bathroom, attic, front porch & rear enclosed porch, oil hot water heat; 2 story block garage; 3 bay garage; Howe 50 ton scale; 3 large pole sheds used prior for poultry.
2) 21.4 acres of prime land w/1476 ft. road frontage which is approved for subdivision.
3) 3 Bedroom Stone Rancher situated on 30,649 sq. ft. Home has modern kitchen w/built in dishwasher, Tappan range & garbage disposal; living room w/lg. stone fireplace; bathroom; wall/wall carpet; attic; basement w/3 rooms & bath & lg. stone fireplace; electric heat; 2 door garage; sprinkler system; built by Ernst Construction. Home must be seen to be appreciated.

NOTE: Parcel #1 & #2 to be offered separately and also as an entirety (30 acres).

FOR INSPECTION OF REAL ESTATE: Call 215-562-2915 or 215-562-7354.

TERMS OF REAL ESTATE: 10% down; balance in 90 days.

REAL ESTATE
Will be Offered at 12:00 Noon

PERSONAL PROPERTY: 1967 4 DR. BUICK ELECTRA 225 w/32,000 ORIG. MILES (loaded, good cond.), JOHN DEERE #111, 11 HP. RIDING TRACTOR w/36" MOWER, OMAN GAS GENERATOR BY NEW PENN CO. 120-240 AMP. (like new), OVAL MARBLE TOP COFFEE TABLE, SQ. WALNUT MARBLE TOP TABLE, (2) VICTORIAN STYLE CHAIRS, 3 pc. mod. living room suite, (2) recliners, LIBRARY TABLE, early 3 pc. living room suite, upholstered chair w/ft. stool, OAK FAINTING COUCH w/BEAR CLAW FT., OAK PRESSED BACK & SPOOL ROCKERS, HALF SPINDLE BACK ROCKER, oak table w/drawer, rd. oak pedestal table, (6) HALF SPINDLE BACK DECORATED CHAIRS, oak spool stand table, dbl. lid wood chest, OAK ROLL TOP DESK, (2) 5 pc. metal & formica top breakfast sets, Lane cedar chest, cedar wardrobe, 6 pc. mahogany vaneer BRS, OAK WASHSTAND, OAK DRESSER w/MIRROR, BUTLER'S DESK, DOVE-TAILED BLANKET CHEST, Zenith 23" color console TV, Westinghouse 21 cu. ft. chest freezer, RCA 14 cu. ft. refrigerator (brown), GE refrigerator, GE 40" elec. stove, GE 2 sp. auto. washer, GE Sahara dehumidifier, Chromolax elec. heaters, Zenith floor model radio, Singer elec. sew. machine, Electrolux vacuums w/attach., Sears foot relaxer, brass smoke stand, plant stands, 1906 CONFERS CALENDAR PLATE, 1909 W.M. RAUBENHOLD & SONS CALENDAR PLATE, 1941 Dreibelbis & Son plate, Zion's Church plate, 7 pc. green depression water set, gold edge pressed glassware, Service for 8 rose pattern china, pink depression sherbet dishes & sugar & creamer, ruby glass, cake stands, England china, chicken on nest, Rogers silverware, pyrex, pots & pans, kitchen utensils, sm. elec. appliances, knick knacks, DUNKEL'S CHURCH PAPERWEIGHT, old baskets, Seth Thomas elec. clock, Waterbury mantel clock, Zenith clock radio, SM. CAST & STAINED GLASS LAMP, card table, ORIENTAL STYLE RUG, braided rugs, doilies & linens, white & colored feed bags, old Bible, scale, brass fireplace set, LAWN BOY 21" SOLID STATE LAWN MOWER, 32" Parker lawn sweeper, lawn seeder, metal express wagon, contractor's wheelbarrow, Tru Test 6 amp. battery charger, alum. stepladder, gas cans, ext. cords, porch bench, peach baskets, rinse tubs, hand & garden tools, & other misc. items too numerous to mention.

AUCTIONEER'S NOTE: This real estate offers many possibilities. If looking for an investment or a nice home plan to attend this sale. All merchandise is clean and in good condition.

TERMS OF PERSONAL PROPERTY: Cash or PA check day of sale. Refreshments available.

AUCTIONEER:
Kenneth P. Leiby
R.D. 2, Box 318
Hamburg, PA 19526
215-562-3929

SALE ORDERED BY:
Executrixes: Grace Bower,
Irene Wentzel & Clara Gruber
for Verna Mengel Estate

ATTORNEY:
Thomas Work

NOT RESPONSIBLE FOR ACCIDENTS

PUBLIC AUCTION

FINE ANTIQUES, HOUSEHOLD VERY NICE GLASSWARE, QUILTS

To be held at REDDING AUCTION SERVICE located taking Route 34, ½ mile North of Gettysburg, bear right at Y (car wash) & continue 2 miles on Table Rock Road to auction site on

WEDNESDAY, JUNE 15, 1983
5:00 P.M.

This sale consists of a fine lot of personal property from the former home of NELLIE M. BUSHEY, 168 East Main Street, Arendtsville, Pa. Sale includes v/n lot antiques, signed cherry Hopkins & Lewis grandfathers clock w/wooden works; 2 pc. burl maple corner cupboard w/2 drawers; lot walnut & cherry pieces; softwood & oak pieces; spool front-rocker & other old rockers; old shelf clocks; lamps; very nice (lg. amount) small antique items include woodware pieces, brass & copper pieces, lot pottery pieces, castware items, graniteware; lot very nice glassware, most real old; lot very nice quilts; old linens; misc. coins. A SEVERAL GENERATION COLLECTION. Sale inspection June 14 - 3:00-8:00 P.M.

TERMS: CASH

C. David Redding, Auctioneer

Public Auction Register

Closing Date Monday, 5 00 P M
of each week's publication

THURS JUNE 23 - 9.30 AM Public Auction of Carpenter Tools, Butchering Tools, Lumber, Antiques, Old Tractor License Plates and Few Steam Engine Parts Located in Lancaster Co., PA on N Soudersburg Rd , 7 mi east of Lancaster City, 8 mi west of Gap, turn north off Rt 30, 1 block east of Dutch Haven Elam S and Sarah E. Fisher, Owners. Steve Petersheim, Auctioneer

THURS JUNE 23 - 10 AM Public Auction of Truck Tractors, Flatbeds, P U Truck and Forklift Trucks Located on Jacksonville Rd , Ivyland, PA. Colift, Inc., Owners. William F Comly and Son, Inc , Auctioneers.

FRI JUNE 24 - 5 30 PM Gap Auction. Antiques and Household Goods sold at every auction. Located off Rt. 41, Lancaster Turkey Hill Minit Market, cross RR bridge, Ira Stoltzfus & Son, Auctioneers.

FRI JUNE 24 - 7 PM Public Auction of Cattle. Located at Penns Valley Livestock Auction, Centre Hall, PA. Ron Gilligan, Auctioneer.

FRI. JUNE 24 - 11 AM J.D. Kavanagh, Jr Complete Dispersal (140 Registered Holsteins) to be held at the Melvin Kolb, Inc. Farm, Lancaster, Pa. Mel Kolb, Sale Manager, Robert Mullendore, Auctioneer, Wm. Kent Pedigrees.

SAT. JUNE 25 - Colonial World Class Sale. Located at Stone-Del. Charolais Farms, Hartville, Ohio. The Colonial Charolais Association. Managed by Buzz Garey, Gary Cattle Sales, Inc., 100 Walnut Lane, Morrisville, PA 19067

SAT JUNE 25 - Public Auction of Iron Working Tools, Accessories and Hardware. Located at 873 S. Railroad St , Myerstown, Leb. Co., PA. David King, Owner. Earl Buffenmeyer, Auctioneer

SAT. JUNE 25 - 9 AM Public Auction of Real Estate, Farm Equipment, Antiques and Households. Located on Rt. 443, approx. 1 mi. east of Rt. 183 and 443 intersection in RD 3, Schuylkill Haven, Sch. Co , PA Estate of Edward Kramer. Jay Riegel, Jr., Auctioneer.

CONSIGNMENT SALE OF FEEDER PIGS & FEEDER CATTLE
FRIDAY, JUNE 17
6:30 P.M. Sharp

Held at Keister's Middleburg Auction Sales, Inc., Rt. 522, 3 miles east of Middleburg, 5 miles west of Selinsgrove, PA.

Early consignments accepted.
Bring a load - buy a load.
For Information Call:
717-837-2222 — 717-524-5285 — 717-966-2856
Terms: Cash, Restaurant Open.

KEISTER'S MIDDLEBURG AUCTION SALES, INC.
Rt. 522, RD #3, Middleburg, PA

DON & WALT KEISTER
Owners

Auctioneers:
Ray Long & Dave Imes

COMPLETE CATTLE AND MACHINERY DISPERSAL
Owner - Peter Burns, Remsen, NY

FRIDAY, JUNE 17, 1983
Machinery 11 AM Cattle 1 PM

Sale held at Central Bridge Sales Arena, Central Bridge, NY

Located: 100 miles northeast of Binghampton, follow NY I-88 to Central Bridge exit, turn left on Rt. 7, 1½ miles to caution light, turn right on Rt. 30A 2 miles.

33 Registered and Grade Brown Swiss Cattle Selling, 17 milking cows, 60 open heifers and calves, 10 registered.

Registered Belgian Horses Selling with harness and harness parts.

1 Belgian aged mare, 1 Belgian 4 year old gelding, 1700 lbs., 1 Belgian stallion, 3 years.

Horse Drawn Machinery Selling, excellent cond. Utility wagon w/iron wheels, exc., Mowing machine, 2 row and 1 row corn planters, Westinghouse thrashing machine, exc., JD reaper and binder w/canvas, Int. corn harvester, fanmill and corn husker, NI 10A manure spreader, sulky plow, David Bradley team cultivator, Oliver walking plow, David Bradley team cultivator, Oliver walking plow, Hiller 1 row cultivator, set of heavy bobsleighs, dump rake, JD hammermill, Forecort, McCormick ensilage chopper, 4-row row marker, bedding chopper.

FUll Line of Dairy Farm Machinery Selling

Central Bridge Sales Service
Central Bridge, NY
Walt Wagner, Sales Manager
518-868-4571

AUCTION
ANTIQUES, COLLECTIBLES, H-H GOODS
For: William Cousins
At: 330 W. Broad St., Telford

SAT. JUNE 18
9:00 A.M.

Parking and Auction in rear of property, off of Third Street.

Cherry empire chest of drawers, cobbler's type endtable, leatherette arm chair, maple dressing table w/mirror, stool, train set, chest of drawers, arm chair, 2 camel back trunks, wing back chair, stenciled plank seat chairs, raised panel shutters, ice cream sign, iron bed w/brass tops, youth bed, child's dresser, cuckoo clocks, humidor, stand, oak stand, oak vanity, pressed back rocker, crib, M Wash sewing cabinet, record cabinet, children's chairs, mirrors, pictures, frames, library table, oak server, youth oak bed, cane seat chairs-many types, knee hole desk, color TV, step ladder, ladder, tool box, china closet, wall mirror, knickknacks, knick knack shelves, oak chest of drawers, old Windsor chair, 24"x5' mirror frame, blanket chest, showcases, candy case w/curved glass, walnut library table, walnut chest of drawers, night stand w/tear drop pulls-pine, marble French clock, cherry case clock, mantel clock, ship's lamp, baskets, silverware boxes, adding machines, Wm & Mary Chair, cherry 2 drawer desk, metal cabinet w/10 drawers, buter churns, primatives, glassware, carnival glass, L B Brenninger—Robesonia redware pc, majolica, oil lamps, plates, lustre, baby's basket, copper and brass items, vase, pitcher, musical cuckoo clock, linens, embroidered and crocheted pcs, compote, punch bowl set, silver overlay dish, sheet music, novelty items, Gaudy Dutch teapot, child's punch bowl, Limoges, hobnail overlay water pitcher, Depr pcs, bells, and much more

MANY INTERESTING ITEMS!

Terms: Cash
Auctioneer:
Paul G. Derstein
368-6646

AUCTION SERVICE

PUBLIC AUCTION
SATURDAY, JUNE 18, 1983
10:30 A.M.
FARM EQUIPMENT, LAWN GARDEN, TOOLS, POSTS
Consignments Taken Until Sale Time
Partial Listing: Many Other Items For Auction Not Listed.

Following Items Are Consigned By A Local Farmer Who Has Discontinued Farming:

J.D. 4020 w/Year Round Cab, J.D. 7000 6-Row No-Till Planter w/Fertilizer, Insecticide, & Seed Boxes - 2 Years Old, I.H. 56 Blower, I.H. 35 Side Del. Rake, 2 Dion Forage Wagons w/Roof 10-Ton Gear, Good Cond., John Blue 400 Gal. S.S. Tank Sprayer, N.I. 10-Ton Tandem Spreader Model 224 w/Hyd. Lift Gate, 1 Hay Wagon, 1 Flat Wagon, 1 Running Gear, N.I. Cutditioner 9' Model 279, J.D. 10' Chisel Plow, 7' Box Scraper, 10' Oliver Disc #250 Transport. Other Consignments: Oliver #28 Disc Harrow, AC D-14w/Loader & 3 Pt. Hitch, 6' Pull Rotary Mower, N.I. Ground Driven Spreader, 1 Badger Forage Wagon, J.D. #125 Forage Wagon, AC Chopper, Model 16 I.H. Forage Harvester w/Corn & Grass Head, I.H. #15 For Parts, 13' 3 Pt. Mtd. Spring-Tooth Harrow, Trail Disc, 18' Tandem Gooseneck Flat Trailer, Elec. Brakes, Good Cond., Wheel Horse w/Mower & Scraper Blade 12 Hp., AC C Tractor w/7' Front Mtd. Scraper Hyd. Lift, 1951 Chevy 4 Dr. In Good Cond., 70 GMC ½-Ton Pick-up w/Camper Top Rebuilt Engine, 7 & 8 Hp. Riding Mowers, Mont. Ward 5 Hp. Tiller, Cub Cadet Elec. Mower, 1969 I.H. 1710 Gas Tractor, 1972 Ford F-350 12' Stake Body, 3-12' Tag-a-Long Trailer Single Axles, 54 Rubber Stanchion Pads, J.D. Hay Fluffer, N.H. Corn Sheller Belt Drive. Many Other Items Too Numerous To Mention.

TERMS: Cash - Approved Check Only.

Auctioneers:
Norman E. Hunter
Parkes T. Williams

Auction Held At And Serviced By:

Hunter's Sale Barn, Inc.
Rt. 276
Phone 301-658-6400
Rising Sun, MD 21911

HAULING AVAILABLE — RESTAURANT ON GROUNDS
Not Responsible For Accidents Day of Auction.
All Equipment Listed For Advertising Only Not Responsible For Any Liens.

AUCTION SERVICE

"CECIL COUNTY'S LEADING AUCTION SERVICE"

LARGE ALL DAY PUBLIC SALE
SATURDAY, JUNE 25, 1983
at 9:30 A.M.

TO BE HELD- In the Manheim Farm Show Building, Adele Ave., Manheim, Pa. (Rear of Sr. High School) Ample Parking.

FAIRBANKS GAS ENGINE
'72 HONDA 175
'76 PLYMOUTH STATION WAGON
THREE GUNS
RUSSIAN & DUTCH RIFLES
300 SAVAGE - GUN RACK

Wenger hi-top dry sink, 2 jelly cupboards, 4 wash stands, Cherry dropleaf table, ex. table, 4 plant tables, sm. marble top table, plus others, 2 wagon seats, high poster bed, brass top metal bed, several bed-room suites, single bed, vanity, Empire bureau & others, blanket chest, chest of drawers, 2 trunks, Grandma's rocker, plank & cane-seat rockers & chairs, lg. mirrors, corner shelf, old couch, back of old couch, 2 desks Majestic cook stove, heat reclaimer, Reed coach, Wicker Stroller - chair & rocker; 10 qt. ice cream freezer.

CAST IRON- Pot, decoy, frog, cat, candle holders, wall light bracket, skillets, water trough, pitcher pump. LOTS OF TIN WARE- Lunch box, milk bucket, cups, bread box, match box, large stands, butcher ladels, Agate two sheaf forks, 4 milk cans, organ stool, wooden butter churn, kegs, egg crate, medicine cabinet, old wall telephone, slaw bd., wooden box, pedastal flower stands, quilt frame, lanterns, oil lights, red satin gone w/wind oil light; gas light, parlor light, cigarette boxes, lots of pictures & paintings & frames, Currier & Ives (Johnny & Lilly– Home Treasures– Little Charlie) brass hames, buckets, cow bells, wash bowl sets, milk bottles, jugs, crocks, vases, mixing bowl, tea pots, depression (Green-Pink- Blue) 3 footed bowl, silver compote, milk glass, luster, hand painted glass, cake stand, old English china, gravy boat, glasses, spittoon, Britannica encyclopedia, lots of books, baskets, Avon, refreshment stand, lemon tree, linens, old baseball cards, old post cards.

Kelvinator No-frost refrig., upright freezer, G.E. range, auto. washer, Console TV, love seat & 2 chairs, porch bench, pressure cooker, elec. cleaner, kitchen cabinet, rugs, stereo, Porta pot, 2 bikes, typewriters, swing set, elec. road racer set, toys, 275 gal. oil tank, cast stove, Wizard 7 hp riding mower, Duo therm oil heatrola, Focal slide projector & movie screen, dishes, pots, pans and many many numerous items not listed.

SALE TO BE HELD IN DOORS
BRING YOUR CHAIRS.
Food by Farm Women #2.

Sale By
MORRIS H. SHAFFER

Aucts.,
C.H. Wolgemuth & H. Shaffner
Ph. 665-5664

PUBLIC AUCTION
OUT OF BUSINESS SALE FOR SMUCKER BROTHERS GRANITE STONE
SATURDAY, JUNE 25, 1983
10:00 A.M.
STRASBURG ROAD, ATGLEN R. 1, PA

Directions: From Rt. 30 in Gap, take Rt. 41 south 1 mile to Turkey Hill Minit Market, turn left on Strasburg Rd., and go 2½ miles to sale on right. Watch for signs.

1974 Chevy double cab pick up, V8 454, good running condition; 5 ton 16' goose neck double axle, low boy trailer w/tool cab; Essick electric cement mixer; Wisconsin 5 hp Robin Emglo air compressor; 2 Duo-fast T-nailers; 1 Senco nailer; 1 Duo-fast decking gun; 150' air hose, 1½ ton hand pal lift; 275 gal. gas tank & pump; 2 - 10' A. ladders; 34', 24' extension ladders; step ladders; 12 pole jacks; 2 - 10' freight rollers; 14' Aluminum planks; 12' wooden planks; ladder jacks; wheelbarrow; barrels; gas cans; steel saw horses; skill saw; 24" pipe wrench; tackles; spray gun; water hose; metal office desk; 4 drawer file cabinet; desk chair.

Special Mention: Pre-cast Mfg. 2 - 3 - 5 granite stone molds; master molds; stapler, vibrator, mixer, skids and 10' table will be sold as 1 unit.

Couple thousand sq. ft. of tan, white and gray granite stone to be sold.

Miscellaneous Items: Metal siding; stove mats; metal wash line posts; 5 old wooden church pews; 5' aluminum brake; hoes; rakes; shovels.

This is a good sale for contractors to buy additional equipment for your business. All items in good condition.

Owner:
JAKE SMUCKER

Auctioneer:
John S. Stoltzfus
(215) 593-6680

Public Auction Register

Closing Date Monday, 5 00 P M
of each week s publication

SAT JUNE 25 - 9 AM Public Auction of Real Estate, Farm Equipment, Tractors, Corn, Straw, Hand and Barn Tools, Antiques and Household Goods Located along Anchor Rd , R D 1, Washington Boro, Manor Twp , Lanc Co , PA, take Rt 999 west of Millersville to Central Manor Store, turn left and go to Anchor Rd and turn right to sale Lizzie S Sauder Estate Howard Shaub and Roy C Probst, Auctioneers

SAT JUNE 25 - Public Auction of Chippers, Line and Const Equipment and Vehicles Located in Edison, NJ Vilsmeier Auction Co , Inc

SAT JUNE 25 - 11 AM Public Auction of Horses Located at Keister's Middleburg Auction Sales, Inc , Rt 555, 3 mi east of Middleburg, PA, 5 mi west of Selinsgrove, PA Don and Walt Keister, Owners Ray Long and Dave Imes, Auctioneers

SAT JUNE 25 - Annual Summer Auction of Used and New Farm Equipment by Ag Industrial Equipment Co., 1207 Telegraph Road, Rt 273 Rising Sun, MD

SAT JUNE 25 - 11 AM Public Auction of 8 81 Acre Property, Household Goods, and Tools located along Mt Airy Road between Mt Airy and Hopeland, Clay Township, Lancaster County, Pa Auction by Antonius A Kiehboom, John E and Paul E Martin, Auctioneers

SAT JUNE 25 12 Noon Public Auction of Bred Gilts and Boars Located at the Lebanon Area Fairgrounds, Cornwall and Evergreen Rds , 1½ mi south of Lebanon, PA Leon and Lawrence Arnold Mike Jones, Auctioneer

SAT JUNE 25 - 10 AM Public Auction of Truck, Farm Machinery and Tools Located at RD 1, Seven Valleys, off of Rt 616 between Glen Rock and Seven Valleys opposite the Larue AMP plant Millard E Miller, Owner Charles L Wehrly and Son, Auctioneers

SAT JUNE 25 - 10 AM Public Auction of Equipment and Misc Items Located from Rt 30 in Gap, take Rt 41 south 1 mi. to Turkey Hill Minit Market, turn left on Strasburg Rd. and go 2½ mi to sale on right Jake Smucker, Owner John S. Stoltzfus, Auctioneer

SAT. JUNE 25 - 9 AM Public Auction of Large Doll Collection, Antiques, Collectables and Coins Located at 180 W Main St , Leola, PA, along Rt 23 between Lancaster and New Holland Beatrice E Keylor, Owner T Glenn Horst, Auctioneer

SAT JUNE 25 1 PM Public Auction of Real Estate Located in Juniata Co. along Shade Mt. Long Bros , Auctioneers.

SAT JUNE 25 - 1 PM Public Auction of Woodland Tracts. Located taking Rt. 22 west of Huntingdon approx 6 mi. or east of Alexandria 1½ mi and turn north at the Agway Store onto Macadam Rd , travel approx 1 mi and turn right onto Twp. gravel road approx. 1 mi., after building turn right onto the property lane Aaron Horst and Irvine Good, Owners Randal Kline, Lloyd Kreider and Roy Good, Jr , Auctioneers

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PUBLIC SALE
FRIDAY, JUNE 17, 1983
7:00 P.M.
REAL ESTATE
4 Acre Commercial Site

Located on Mt. Sidney Rd. in Village of Witmer, 6 miles east of Lancaster, ½ mile north of Rt. 340 at Smoketown. Lancaster County.

Improvements consist of 2 story 30x40 commercial building, lately remodeled - 4 bedroom 2 story house, living and dining room, kitchen, bath on 2nd floor, partial bath on 1st floor, laundry and sun porch, 16x20 storage building 2 story, 2 story barn, horse stable and shop.

This property is in a quiet community with plenty of business potential.

10% down sale day, final settlement 30 days, immediate possession if desired upon settlement.

Inspection of property June 4th 1:00-3:00 or for appointment call 717-397-7022 or 717-786-4624.

Attorney - Linda Kling
Auctioneer - Steve Petersheim

PUBLIC SALE
OF APPROX. 40 ACRES FARM IN WEST COCALICO TWP.
SATURDAY, JUNE 18, 1983
2:00 P.M.

Location: along Mt. Airy Road between Schoeneck & Mt. Airy, turn right on Sandy Hill Rd., take first road to the left which is Hillside Rd., approx. ½ mile on the right.

2 story Stone & Masonry Dwelling with interior completely remodeled and rewired, has 6 rooms and 2½ baths A large living room has sky lights and a wood-burning stove The eat-in kitchen has lots of cupboards, stove with 2 ovens, dishwasher, refrigerator, openbeam ceiling, chair railing, paneling & linoleum floor

Bank barn can be used for horses or steers, or with some conversion for other uses. Two masonry storage buildings The 40 acres includes farmland, timber, and meadow The panoramic view and the house interior must be seen to appreciate this property Write or call for a brochure The property can be seen by calling the auctioneer

Terms by
JOHN E. & ALICE R. MCPEAKE
Chester K. Long, Auctioneer
1248 West Main Street,
P.O. Box 571, Ephrata, Pa. 17522
717-733-9601

PUBLIC AUCTION AT GOODS AUCTION
111 N. Maple Ave.
Leola, Pa. 17540
Hay - Straw - Corn
Every Wed. at 12:00 Noon

Farm Machinery First and Third Wed. of Each Month. Starting at 9:00 AM on Tools and Hardware. 12:00 Lawn and Garden Equipment 1:00 on Farm Machinery

NOTICE

Nothing unloaded day of sale except machinery and large equipt. All small items must be brought in and sold off the trucks.

No Out of State Checks
Selling with 5 Auctioneers

Good's Auction

FIRST ANNUAL AUCTION
COUNCIL OF GOVERNMENTS OF NORTHERN LANCASTER CO.
TRUCKS, CARS, USED & SURPLUS EQUIPMENT FROM MUNICIPALITIES AND SCHOOL DISTRICTS
WEDNESDAY, JUNE 15, 1983
AT 9 A.M.

Large Equipment, Trucks & Cars to be sold at 12 Noon

Sale to be held at "Green Dragon Farmers Market & Auction" just off Rt. 272 between Reamstown and Ephrata, Lancaster Co., Pa.

Directions: Rt. 272 North of Ephrata to Wickes Lumber turn east at Green Dragon sign.

1967 CHEVROLET DUMP TRUCKS; 1973 PLYMOUTH STATION WAGON; 1975 GMC ¾ TON PICK-UP TRUCK; 1976 GMC ¾ TON PICK-UP TRUCK WITH SERVICE BODY; 1977 DODGE MONACO 4 DR. SEDAN; 1979 BUICK LASABRE 4 DR. SEDAN; 1981 PLYMOUTH GRAN FURY 4 DR. SEDAN (POLICE SQUAD CAR).

Ford Flail Mower, 60", International Flail Mower, 72"; 60 Foot Rohn Self-Supporting Radio Tower; Gravely Snow Plow with Sickle Bar, Reel Mower, Rotary Mower; Road Planer; Air Compressor; Gravely Sickle Bar; Craftsman Metalworking Lathe; See-Saws; 12 Outdoor Incandescent Light Fixtures (Ballfield); Old Coke Cooler; Wooden Chairs; 3 Screw Type Stone Spreaders; Electric Hacksaw; Grinding Wheel; Steam Jenny; Large Jack; Pipe Jacks; Cages for Police Cars; Cabinet (Bins for bolts); Cabinets for Pick-Up Trucks; Water Fountains; Large Air Conditioner; Fire Proof Cabinet.

Computer File Cabinet; Box Roller Track; Typewriter; Adding Machines; Printing Calculator; Kellogg American Compressor; Oak; Deacon Benches School Desks; Oak Swivel Chairs; Oak Straight Chairs; 8 ft. Oak Table; Garage Door; 136 Duncan Parking Meters; 4 Monobloc Pumps; Jalousie Windows; Overhead Heaters; Super Radiators; National Line Furnace; Electric Motor, 12 hp; Electric Motors; Storm Doors; 45 Pole Mount Christmas Decorations (with brackets,); 40 Pole Mount Christmas Decorations (with brackets); Assorted Bicycles & Bicycle Parts; Six Gange Reel Mower; Automatic Transfer Panel, 200 Amp, 5 hp. G.E. Motor & Pump 230/460 Volt.

One-New 9.4 HP Motor with 4" Flygt Submersible Pump; Used 9.4 HP Motors with 4" Flygt Submersible Pump; 25 HP Westinghouse Motor; 15 HP Westinghouse Motors; Motor with 4" Crane Sludge Pump, Electrical Hardware; 400 Watt General Electric Mercury Vapor Street Lights.

Duplicator 3 M Copy; Tape Recorder; 16 m Bell & Howell Projector; Film Splicer; Microphones; Line Painters; Fluorescent Fixtures; Incandescent Light Fixtures; 8" Fluorescent Tubes; Gym Equipment; Sheet Music; Band Uniforms; Drum; Metal Cabinets; Swing Sets; Football Helmets, Shoes; Books; Soldering Irons Forge (gas); Elec. Spot Welder; Lawn Spreader; 6 h.p. Snow Blower; Science Equipment; 115" Sterilizer; Stainless Steel Drawer; Milk Machines; (Cadet Tractor) Snowblower.

Terms by:
COUNCIL OF GOVERNMENTS OF NORTHERN LANCASTER COUNTY
T. Glenn Horst, Auct. — 859-1331
Timothy G. Horst, Auct. — 738-1245

ARNOLD'S 27th
HOG SALE

100 BRED GILTS

50 Registered Yorkshire Bred Yorkshire, 15 Registered Duroc Bred Duroc, 15 Registered Landrace Bred York or Duroc, 24 Landrace Cross Bred Duroc, 7 Crossbred Bred York or Duroc.

These gilts have all been hand mated. Due to farrow June 28th thru Aug. 9th. 58 Gilts farrowed on our farms. 1982 farrowed 11.02 wean 10.12.

30 BOARS
15 YORKSHIRE — 15 DUROC

Our animals have done well in test stations. Pennsylvania's 1st Superior Certified Duroc Meat Sire came from our herd. We also had the top indexing boar over all breeds, Pa. State 1979 ("Hustle") and the top boar in Delaware 1980 (Explorer). Top pen Duroc boars "Lexington" Pa. State Test 1982.

We may have open gilts at this sale if room is available at sale barn.
Call if interested.

Auctioneer - Mike Jones, LeGrange, Georgia
All animals vaccinated for Erysipelas, 5 way Lepto & Parvovirus. Validated Brucellosis & Pseudorabies Free herds.

SATURDAY NOON
JUNE 25, 1983, 12:00 P.M.

Sale To Be Held At The
Lebanon Area Fairgrounds
(Cornwall & Evergreen Roads, 1½ Miles South Of)
Lebanon, PA

CALL OR WRITE

Yorkshires
Leon L. Arnold, R.D. 7, Box 705
Lebanon, PA — 717-273-5880

Durocs
Lawrence Arnold
R.D. 1309, Womelsdorf, PA 19567
717-933-8153 or 717-272-9827

CATALOGUES AVAILABLE JUNE 10th.
NEXT SALE AUGUST 19, 1983

Plan To Attend the Thomas Sale June 24th.

PUBLIC SALE
OF REAL ESTATE
(12 Acre Farm)
FARM EQUIP., TRACTORS, CORN & STRAW, HAND & BARN TOOLS, ANTIQUES & HOUSEHOLD GOODS
SATURDAY, JUNE 25, 1983
at 9:00 A.M.

Loc. along Anchor Road, R.D. #1, Washington Boro, Manor Twp., Lanc. Co., PA. (Dir.: Take Rte. 999 west of Millersville to Central Manor Store; turn left and go to Anchor Road and turn right to sale.)

REAL ESTATE: 2½ story brick house, 1½ story frame summer house w/fireplace 1½ story frame 2-car garage, frame 2-story barn w/steer stables, barn floor, double hay mow w/grainery w/attached tobacco shed w/scaffolding for 4 acres tobacco w/stripping room, tobacco cellar.

Total of 12 acres 6 perches, more or less. 8 acres tillable ground, (2 acres meadow w/stream running through). 552' road frontage along Anchor Road. Property will be open for inspection Sat's: June 4-11-18 from 10:00 A.M. until 12:00 Noon. Real Estate to be sold at 2:00 P.M.

5 ton of corn, 2 ton straw.

FARM EQUIP.: Farmall Super A tractor, etc., H Farmall tractor, manure spreader, 18 ft. flat bed wagon, grain drill, 3 sec. spring harrow, 2 sec. pig harrow, etc.; HORSE EQUIP., BUTCHERING TOOLS, TOOLS, ladders, Lawn Boy, Murray rotary & push mowers, Lumber.

ANTIQUES & HOUSEHOLD GOODS: Columbia coal cook stove, old oak parlor stove, Caloric gas stove, I.H. chest freezer, G.E. ref., Maytag wringer washer, R.C.A. fl. model radio. Furniture in: Pine, Walnut, Oak, Mahg., Maple & Chrome; Gilbert mantel clock, Ingram mantel clock, 4 cane chairs & rocker, flat trunk, rugs, picture frames. Items in: IRON, WOODEN, TIN, brass bucket, toleware spice set, Agateware in: blue, green & gray; baskets, jardiniers, dated & wire top jars, tomahawk; CROCKS: blue dec., red clay and lg. med. & sm. crocks, lg. & sm. jugs. Dome table light, Aladdin oil lamp, misc. glassware & china, and lots of items not mentioned.

NO OUT OF STATE CHECKS ACCEPTED.
Food Served.

Sale by
LIZZIE S. SAUDER ESTATE
Thomas L. Goodman, Attorney
Howard Shaub, 464-3541
and Roy C. Probst,
Auctioneers

Public Auction Register

Closing Date - Monday, 5.00 P.M.
of each week's publication

SAT. JUNE 25 - 9:30 AM Public Auction of Gas Engine, '72 Honda 175, Station Wagon, Guns, Rifles, 300 Savage and Gun Rack. Located in the Manheim Farm Show Building, Adele Ave., Manheim, PA, rear of Sr. High School. Morris H. Shaffer, Owner. C.H. Wolgemuth and H. Shaffer, Auctioneers.

MON. JUNE 27 - Public Auction of Cattle. Located at the farm, near Ghent, NY. Fleetwood Angus Ltd.

Col. Jack Parnell and Col Mike Jones, Auctioneers

MON. JUNE 27 - 5 PM Public Auction of Antiques, Household Goods, Tools and Coins. Located approx. 1 mi. north of Hopeland on Mt. Spring Rd., Clay Twp., PA, Rt. 322 West of Ephrata to Clay Rd. to "T" turn right onto Hopeland Rd. and left onto Sun Valley Rd., left onto Mt. Spring Rd. Clarence Schwebel, Owner. T. Glenn Horst, Auctioneer.

TUES. JUNE 28 - 5:30 PM Farmersville Auction in Farmersville, 3 mi East of Brownstown, Lancaster County, Pa. John J. Rutt, Auctioneers

WED. JUNE 29 - 9 AM Public Auction of Concrete Paving and Excavation Equipment. Located at Roecker Bros.' Shop and Yard Facility at 1050 W. Jefferson in Morton, IL. Vilsmeier Auction Co., Inc

JULY

SAT., JULY 2 - Public Auction of Antiques, Tools and Personal Property. Located along Bowmansville Rd., 1½ mi. north of Bowmansville. Lester Gehman and Mamie Musser, formerly Silas Gehman Property. Owners Randal V. Kline, Lloyd H. Kreider and Roy Good, Jr., Auctioneers

MON. JULY 4 - 12.30 PM Public Auction of Cattle. Located at Shippensburg Fairgrounds, Shippensburg, PA. Cumberland Valley Jersey Breeder's Sale. Ralph Horst, Auctioneer.

MONDAY JULY 4 (Antique Sale) - 9.00 AM Farmersville Auction in Farmersville, 3 mi. East of Brownstown, Lancaster County, Pa. John J Rutt. Auctioneers.

WED. JULY 6 - 1 PM Firecracker Ayrshire Sale, Carlisle Fairgrounds, Carlisle PA, Milt Brubaker, Sales Manager.

THURS. JULY 7 - Monthly Cow Sale at Mel Kolb, Inc Lancaster Farm, 2220 Dairy Road, Lancaster, Pa.

SAT. JULY 9 - Benefit Auction. Located at 1050 E. Newport Rd., Lititz, PA 17543. Lititz Area Mennonite School. John E. and Paul E. Martin, Auctioneers.

SAT. JULY 9 - 9:30 AM Public Auction of Trucks, Cars and Vans. Located at Orange and Rockland's garage/shop facility on 75 W. Rt. 59 in Spring Valley, NY. Vilsmeier Auction Co., Inc.

THURS. JULY 14 - 10 AM Public Auction of Excation and Asphalt Paving Equipment. Located at R.L. Rosendale, Inc. shop and yard facility on Porter Rd. in Lower Pottsgrove Twp, Pottstown, PA. Vilsmeier Auction Co., Inc.

FRI. JULY 15 - 5.30 PM Gap Auction. Antiques and Household Goods sold at every auction. Located off Rt. 41, Lancaster Turkey Hill Minit Market, cross RR bridge, Ira Stoltzfus & Son, Auctioneers.

FRI. JULY 15 - 6:30 PM. Consignment Sale of Feeder Pigs and Feeder Cattle. Held at Keister's Middleburg Auction Sales Inc., Rt. 522, 3 mi. east of Middleburg, 5 mi. west of Selinsgrove, PA.

SAT., JULY 16 - Public Auction of Real Estate, Personal Property and Coins. Located along Yellow Hill Rd., south of Bowmansville. Anna Mary Fritz Estate. Randal V. Kline, Lloyd Kreider, and Roy Good, Jr., Auctioneers.

THURS. JULY 21 - Monthly Cow Sale at Mel Kolb, Inc., Maryland Farm, Woodsboro, MD

FRI. JULY 22 - 7 PM Public Auction of Cattle. Located at Penns Valley Livestock Auction, Centre Hall, PA. Ron Gilligan, Auctioneer.

FRI JULY 22 - 5.30 PM Gap Auction. Antiques and Household Goods sold at every auction. Located off Rt. 41, Lancaster Turkey Hill Minit Market, cross RR bridge, Ira Stoltzfus & Son, Auctioneers.

SAT JULY 23 - 9 AM Public Auction of New and Used Metal and Wood Working Machinery, Tools, Hardware and Etc. Located at Rt. 322, Blue Ball. Blue Ball Machine Works, Owner. Sylvan Witmer, Auctioneer.

FRI JULY 29 - 7 PM Public Auction of Swine Located at the Lebanon Area Fairgrounds, Cornwall and Evergreen Rds., 1½ mi south of Lebanon, PA. PA Duroc and PA Yorkshire Assn's Harry Bachman, Auctioneer.

DAIRY SALE

on the farm
in Northwestern PA.

40 CANADIAN COWS & HEIFERS
10 BRED HEIFERS
2 RED & WHITE HOLSTEINS
SATURDAY, JUNE 18, 1983
1:00 P.M.
DAIRY CATTLE

All close springers or recently fresh young cows. Registered and I.D. Grade Holsteins, registered heifer calves.

Sale features 3 daughters of Puget Sound Sheik all recently fresh, dams classified Very Good and Good.

Also one Registered Red & White Holstein, sired by Skagvale Classic Citation, classified good.

Also 10 bred heifers selected from one herd due July, August, Sept. AI breeding, all cattle blood and TB tested, innoculated for shipping fever. Trucking available.

Notice - Cattle are eligible to enter New York.

Farm located 2 miles North of Spring Creek, Pa. on Blue Eye Road, or 7 miles East of Corry, Pa. on U.S. 6, then 2 miles South on Blue Eye Road, black top road. Watch for sale signs.

No other items - Sale starts promptly at 1 PM. Not responsible for accidents.
TERMS: Cash or good check.

MICKEY or ED SEKERAK
Corry, Pa.
814-664-8804 or 814-664-2365
Auctioneers: Ronald Reed & Ed Sekerak
Pedigrees: Howard J. Hammond III
Ringman: Howard McElroy

PUBLIC AUCTION

5 SEPARATE WOODLAND TRACTS
EACH TRACT 10 to 14½ ACRES
(HUNTINGDON COUNTY)
SATURDAY, JUNE 25, 1983
at 1:00 P.M.

Location of Woodland: Take Rt. 22 West of Huntingdon approx. 6 miles or East of Alexandria 1½ miles and turn north at the Agway Store on to Macadam Road, travel approx. 1 mile and turn right on to Twp. gravel road approx. 1 mile (road will wind between Rishel farm buildings) after building turn right on to the property land (follow auction signs.)

Ideal cabin site or investment and good hunting area, only 9 miles north of Raystown Lake. Prime woodland tracts with abundance of hardwoods, hemlocks and mountain laurel. Very nice level to gentle rolling terrain. Easy access by car and only minutes off Rt. 22.

Auction to be held in Alexandria Fire Hall
For complete illustrated brochure with land plot plan, call or write Kline & Kreider Auctioneers, R.D. #1, Stevens, Pa. 17578 (717) 733-1006.

Terms by
AARON HORST
IRVINE GOOD

Auction Conducted by
Randal Kline, Lloyd Kreider
Roy Good, Jr. -- Auctioneers

KLINE & KREIDER AUCTIONEERS

GAP AUCTION

FRIDAY EVE., JUNE 17
5:30 P.M.

Located off Route 41 - Lancaster Avenue Opposite Turkey Hill Minit Market - Cross RR Bridge.

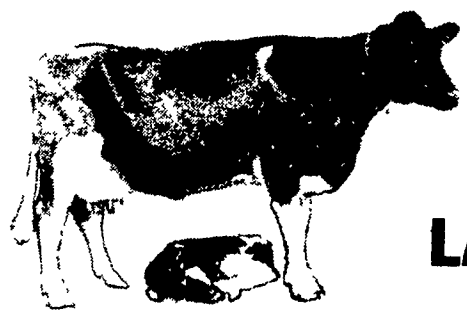
ANTIQUES AND HOUSEHOLD GOODS SOLD AT EVERY AUCTION

CONSIGNMENTS ON MONDAYS FROM 8:00 A.M. to 7:00 P.M.

Call us for pick-up service
IRA STOLTZFUS & SON, Auctioneers

442-4936 or 442-8254

CONDUCTORS ALL TYPES PUBLIC SALES



HOME RAISED COMPLETE SOUTHERN LANCASTER COUNTY HERD DISPERSAL

at the Shady Lane Dairy Sales, Inc., ¼ mile West of Quarryville.

100 HEAD REGISTERED & HI GRADE HOLSTEINS

FRIDAY NIGHT, JUNE 17 8:00 DST

This herd consists of 36 mature cows, some milking to 100 lbs. 7 first calf heifers due July and Aug. 4 yearlings 6 smaller. This is an outstanding herd home raised using these top 5 bulls over the past years, Arlinda Chief, 2 Elevation Sons, Conductor and now using and selling in sale a Don Auger. Making this a fine herd to select from. Herd being sold due to putting in herd of Jerseys.

Also selling load of Registered 1st calf heifers with DHIA records on dams to 305da 23,959 4.0 948 dam scoring good plus. Also 30 head of young cows mostly 2nd calf heifers. Springing and fresh. Making this a real good sale to attend. 30 day blood and TB test. Pregnancy checked.

Sale by
SHADY LANE DAIRY SALES, INC.
Quarryville, PA
Phone- Glen 717-786-2750
Dave 717-786-1725

P.S. — We need all size heifers from 6 months to springing, 350 head. Call today 717-786-2750

DOAK'S

COMPLETE MILKING HERD and BRED HEIFER DISPERSAL
Machinery and Equipment Sells

At: Village of Draper, Pa., 1 mile South of Stony Fork, Pa, Tioga Co. (Auction signs at Kelesy St. to Stony Fork, 1/10 mile South of Wellsboro, Pa. on Rt. 660).

WEDNESDAY EVENING, JUNE 15, 1983
AT 7:30 P.M.

52 HEAD CHOICE GRADE DAIRY CATTLE SELL 52

44 Holstein young milking age animals, 1 Brown Swiss, 1 Red & White Holstein. Many fresh cows, close springers, 10 dry due Summer and early fall, balance various stages of lactation. This herd has good quality udders, good type, the kind we like to work with, and the buyers should agree; several milking 70 lbs. plus. 6 Holstein bred heifers due this fall.

30 Day Blood and TB Tested — Charts Sale Evening
Catalogues — Pregnancy Checked

MACHINERY & EQUIPMENT

2 TRACTORS — Int. 706 (gas) with 3 pth 2 sp. PTO, Int. H, both tractors real clean with good rubber; Int. 440 3 pth 4-bottom 16-inch plows, Int. 370 disc 13-ft. 6-in. wide on transport wheels, Int. 990 9-ft. haybine, Int. forage wagon (3 beater) on 8-ton chassis, Int. 56 blower, 15 Int. front end tractor weights, weather cap for 706 tractor, Killbros Model 275 gravity box on 8-ton chassis, N.I. 175 bu. flail spreader, JD and NI spreaders suitable for trailers, Agway liquid spreader, 3 pth 7-ft. utility blade, two 12-ft. metal troughs, 1 on wheels; 15x38 duals (snap on), Ubler 30 bu. feed cart (gas), 50 cow trainers, 4 stall calf hutch.

PRODUCE

28 round bales first cutting hay, loaded on trailer for delivery anywhere.

MILK EQUIPMENT

600 gallon Esco bulk tank with 3 hp. compressor, 4 DeLaval Super claws pipeline milkers.

TERMS: CASH OR GOOD CHECK SALE EVENING.

Samuel Doak III & Kathy Doak, owners

D. O. Rockwell & Associates, Sale Managers
Troy, Pa. Phone 717-297-3460

Refreshments — Cheese and Milk Available
Cattle and Machinery Trailers to go any distance.

Public Auction Register

Closing Date - Monday, 5 00 P M
of each week's publication

FRI JULY 29 - 5 30 PM Gap Auction Antiques and Household Goods sold at every auction Located off Rt 41, Lancaster Turkey Hill Minit Market, cross RR bridge, Ira Stoltzfus & Son, Auctioneers

SAT JULY 30 - 11 AM Public Auction of Horses Located at Keister's Middleburg Auction Sales, Inc , Rt 555, 3 mi east of Middleburg, PA, 5 mi west of Selinsgrove, PA Don and Walt Keister, Owners Ray Long and Dave Imes Auctioneers

AUGUST

THURS AUG 4 Monthly Cow Sale at Mel Kolb, Inc Lancaster Farm, 2220 Dairy Road, Lancaster, Pa

FRI AUG 5 - 5 30 PM Gap Auction Antiques and Household Goods sold at every auction Located off Rt 41, Lancaster Turkey Hill Minit Market, cross RR bridge, Ira Stoltzfus & Son, Auctioneers

FRI AUG 12 - 5 30 PM Gap Auction Antiques and Household Goods sold at every auction Located off Rt 41, Lancaster Turkey Hill Minit Market, cross RR bridge, Ira Stoltzfus & Son, Auctioneers

THURS AUG 18 Monthly Cow Sale at Mel Kolb, Inc , Maryland Farm, Woodsboro, MD

FRI AUG 19 6 PM Public Auction of Bred Gilts and Boars Located at the Lebanon Area Fairgrounds, Cornwall and Evergreen Rds , 1½ mi south of Lebanon, PA Leon and Lawrence Arnold Mike Jones, Auctioneer

FRI AUG 19 5 30 PM Gap Auction Antiques and Household Goods sold at every auction Located off Rt 41, Lancaster Turkey Hill Minit Market, cross RR bridge, Ira Stoltzfus & Son, Auctioneers.

FRI. AUG 19 - 6 30 PM Consignment Sale of Feeder Pigs and Feeder Cattle Held at Keister's Middleburg Auction Sales Inc , Rt 522, 3 mi east of Middleburg, 5 mi west of Selinsgrove, PA

FRI AUG 26 - 7 PM Public Auction of Cattle Located at Penns Valley Livestock Auction, Centre Hall, PA Ron Gilligan, Auctioneer

FRI AUG 26 - 5 30 PM Gap Auction Antiques and Household Goods sold at every auction Located off Rt 41, Lancaster Turkey Hill Minit Market, cross RR bridge, Ira Stoltzfus & Son, Auctioneers

FRI AUG 26 7 PM Public Auction of Cattle Located at the Lebanon Area Fairgrounds, Lebanon, PA Lebanon County Holstein Club, Sponsors Harry Bachman, Auctioneer

SAT AUG 27 - 11 AM Public Auction of Horses Located at Keister's Middleburg Auction Sales, Inc , Rt 555, 3 mi east of Middleburg, PA, 5 mi west of Selinsgrove, PA Don and Walt Keister, Owners Ray Long and Dave Imes Auctioneers

JUNE IS DAIRY MONTH
So We Have a Good Herd to Sell!

TUESDAY

JUNE 14,

8 P.M. DST

COMPLETE LANCASTER COUNTY HOLSTEIN DAIRY DISPERSAL

To be held at Smoketown Quality Dairy Sales Co., Smoketown, Pa. Rt. 340, 5 miles E. of Lancaster, 5 miles W. of Intercourse.

Summer and Fall cows. Cows average between 53 lbs. and 55 lbs. milk per day. Cows in herd milk from 50 lbs.m. to 100 lbs. per day. These are big strong framey cows. Good typey cows. This dairyman sold between 40,000 and 45,000 dollars worth of milk last year from this herd.

Gr. 2 yr. old - Sire- Cumma Proud Performer - Dam- Ivanhoe Daugh. - Bred to Whitter-Murch Rocket Special - +1043m. +27F. Daughs. Avg. 16,201m.

Gr. - Fancy Red and White Holstein out of a dispersal. Gr. - 3 yr. 5m. - 305d. 15,089m. 3.6t. 550F.

Reg. Holstein Bull - Harrisburg Gay Ideal. Dam- Astronaut Daugh. - 325d. 19,668m. 643F. 372d. 18,201m. 611F. Granddam- 320d. 15,138m. 3.8t. 572F. - 396d. 22,464m. 3.7t. 843F. - 350d. 22,120m, 3.7t. 833F. Big strong bull ready for service.

One load of Reg. & Grade cows and heifers out of New England and Canada including Reg. Red & White Holstein cow due July and one Jersey due July. Consigned by Johnny Jr.

Also Selling - 21 head Reg. and Grade Holstein Heifers from yearlings to ready to breed (20 are calfhood vacc.) Most are certified and accredited. Sires Include: Dewdrop - Dam- 2 yr. 2m. 305d. 13,819m. - Mat.Dam- 3 yr. 8m. 295d. 17,166m. Sire- Ideal - Dam- 1 yr. 11m. 305d. 11,686m. 3.6t. 2 yr. 11 m. 196d. 11,531m. 3.6t. 412F. (Inc.) - Mat.Dam- 4 yr. 1m. 313d. 14,346m. 3.7t. 525F. Sire- Dewdrop - Dam- 2 yr. 1m. 305d. 9,994m. 4.0t. 3 yr. 2m. 88d. 5,000m. 4.0t. (Inc.) Mat.Dam- 4 yr. 3m. 295d. 14,001m. 3.7t. 513F. Sire- Ideal - Dam- 1 yr. 11m. 297d. 11,606m. 3.6t. 422F. - 2 yr. 11 m. 214d. 12,096m. 3.6t. 430F. (Inc.) - Mat.Dam- 7 yr. 305d. 15,862m. 3.4t. 546F. Sire- Ideal - Mat.Dam- 3 yr. 341d. 14,232m. 4.3t. 656F. - 5 yr. 288d. 15,166m. 4.0t. 605F. - 8 yr. 339d. 14,988m. 4.1t. 618F. Records behind Grade Heifer's - Sire- Dewdrop - Dam- 13,819m. - Mat.Dam- 17,166m. Sire- Dewdrop - Mat.Dam- 18,922m. 3.8t. 723F. +18,882m. 3.8t. 719F. Sire- Ideal - Mat.Dam- 2 yr. 5m. 12,700m. 4.8t. 615F. - 3 yr. 5m. 13,034m. 5.3t. 691F. Sire- Mark - Dam- 2 yr. 2m. 11,529m. 3.6t. - 3 yr. 4m. 15,063m. 3.5t. 525F. - Mat.Dam- 6 yr. 3m. 17,251m. 3.7t. 638F.

Sire- Dewdrop - Dam- 2 yr. 14,607m. 4.3t. 635F. - Mat.Dam- 5 yr. 18,534m. 3.9t. 731F. 5 yr. 11m. 17,594m. 4.2t. 733F.

Sire- Dewdrop - Dam- 2 yr. 15,462m. 4.2T. 651F. - Mat.Dam- 3 yr. 7m. 19,122m. 4.3t. 816F. 4 yr. 10m. 21,160m. 4.4t. 925F.

Sire- Canadian - Dam- 2 yr. 4m. 16,569m. 3.7t. 607F. - 3 yr. 9m. 105d. 7,785m, 4.2t. 327 - projected - 17,983m. 721F.

Sire- Temptation - Dam- 2 yr. 305d. 13,063m. 4.0t. 522F. 2 yr. 11m. 305d. 14,060m. 3.9t. 548F. 3 yr. 11m. 99d. 7,422m. 4.1t. 305 (Inc.).

These sires are Tri-State - Sire Power and Taraus Bulls.

Cows milked at regular time.

Cash or good check night of sale.

Sale managed by
SMOKETOWN QUALITY DAIRY SALES CO.
GORDON & HELEN FRITZ
717-393-0930

Carl Diller - Paul Snyder, Auctioneers
Henry Kettering - Pedigrees

Lunch wagon by Sublette's

PUBLIC AUCTION
"HOG FARM"
WED., JUNE 22, '83
10:00 A.M.

Sale held on location in Hampton Township - opposite Kittatinny Reg. High School entrance - just off Rt. 206 North of Newton, N.J.

Owners have sold farm and must literally clean out the building and equipment. All first rate, excellent condition.

Nebraska type hog finishing unit 28'x240' (post & beam const.) Aluminum roof and ceiling. Dismantle and move away. Two 14 ton Feed Bins with power head & controls (25' auger). 28 Ton bin. Complete feed delivery system (220'), stainless steel feeders, Flexible curtains w/controls (80'), hogwash system, auto. medicators, 1300 lb. pressure washer, auto. waterers, Agg. Star Fence & gates, Ley Scraper Unit (500' cable), exhaust fans, Badger 1500 gal. Spreader, Transport Auger w/ hopper, Harvestor Wa-Ro-Matic Rolled Mill w/controls, Concrete slotted floors, etc. 1969 CHEVY C50 Rack Body Truck w/power tailgate. Go into pig farming or convert units for your own farm or home use.

Terms are cash or certified funds.

Seller: **W. MASKER**

Call for specifics -
CASTNER ESTATE SERVICE
(201) 948-3868

PUBLIC AUCTION
OF COUNTRY TYPE PROPERTY
MON. JUNE 13, 1983
AUCTION TIME 7:00 P.M.

LOCATION: Along Girl Scout Road, just South of Middle Creek Wildlife Management Area "Project 70" West Cocalico Township, Lancaster County, Pa.

DIRECTIONS: Take Route 322 West from Ephrata to Durlach Road, take Durlach Road to Mt. Airy. In Mt. Airy turn right to Girl Scout Road, take Girl Scout Road to property on left.

BRICK & FRAME BI-LEVEL DWELLING

CONTAINING: Eat-in kitchen with built-in Pine Crest cabinets and Frigidaire range; living room; 3 bedrooms with closets; full bath with linen closet; foyer. Sliding glass doors leading from dining area to redwood deck at the rear of house. Basement contains garage area, laundry hookup with tubs, set up for woodstove with chimney.

HEATS: Total electric heat, passes the national energy watch.

- Wall-to-wall carpet
- Well with pressure system
- Built in 1980
- Private sewer

OPEN HOUSE: Inspection at open house on Saturday, May 28, and June 4 and June 11, 1983 from 1:00 p.m. to 4:00 p.m. or by appointment call (717) 733-6496.

LOT SIZE: 130 feet frontage. 247.86 feet in depth containing 32,221.8 sq. ft.

TERMS: 10% down day of auction balance at final settlement within 30 days.

Herein information is for advertising purposes only, although believed to be accurate, cannot be guaranteed.

Auction By:
HAROLD RAY &
THELMA H. BURKHOLDER
RD 2, Girl Scout Rd., Denver, PA.
717-733-6496

Auction Conducted By
John E. and Paul E. Martin Auctioneers
(717) 733-3511 — (717) 733-3305
Ephrata, PA
Michael P. Kane, Attorney

NOTE: Do not miss this very fine property.

ANNUAL SUMMER HEIFER SALE
at Green Dragon Livestock Sales
Located 1 mile north of Ephrata
TUES. JUNE 21, 1983
at 7:00 PM
APPROXIMATELY 300 HEAD
Calves, Open & Bred Heifers,
Springing Heifers

Consignments consist of 20 top vaccinated heifers from Dauphin Co., 50 head from Lebanon Co. from calves to springers vaccinated, 50 head from Bob Kennedy, 25 head 2nd and 3rd calves due June, July and August, other local consignors ship in all stages and sizes.

All consignors welcome.

Walter H. Risser, Proprietor
Office 733-2444
Home 838-4318

CORTLAND GUERNSEY SALE
SATURDAY, JUNE 18, 1983
12:30 P.M.
50 HEAD

Sale to be held at CORTLAND SALES PAVILION, Route 41 - just off Interstate 81 - toward McGraw, Cortland, New York.

Sale includes several fresh or close plus several bred heifers due late summer. Also selling are several well bred calves and open heifers including ten or twelve from one breeder - several of these by PREMIER.

A few included in the sale are:

MERIT CHOICE ANN - V.G. - with 11705-604 at 4 yrs. - due 6/14 to TELESTAR

VALLEY FARMS B.BRENDAS BUNNY - Bred heifer by Mc.D.Prince Royal-due July

CARLSONS TELESTAR LENNIE - Bred Heifer by TELESTAR - due August 4th

BROOKSIDES AUSTINS NOEL - by Austin out of a Choice - due June 15th

PYAMS FAY FAYLIREX - Bred Heifer by Faylirex - due July 18th

RIVERDELL T.H.TONI - by TOP HORNET out of a May Rose Prince - VG - Fresh 4/27

HIGH ACRES PREMIER ROSIE - Bred Heifer by PREMIER - Due 6/20 to JUPITER

RIPLEY FARMS ATLANTIC PANSY - Bred Heifer by Atlantic - Due July - Dam by Corporal - VG 86 with 13712-624

STEWRART FARMS DELLA - by Lyrene May Rose Prince - due June 10th

KIECHLE FARMS JO - by ELDORADO - Fresh May 15th - Record 10537 - 500 -

RIPLEY FARMS D J CRYSTAL - Bred Heifer out of a Corporal dau. with 15203 - 677 - Projected at over 16000# - Classified VG - 83 - due 7/21

HIGH ACRES A BUNNY - Bred Heifer by Atlantic - due to a son of Skytop Prissys Dagny - Ex93 - on July 18th

KIECHLE FARMS LILA - 82 - Fresh March 23 - Milked 58.5 and 52 first two tests

LILY A. OF HILLSIDE - by Falcons Corporal Austin - due in July

BERMAT JOHNS EMILY - by son of PRINCE ROYAL - due Aug. to son of TELESTAR

NIRVANAS NOBLEMAN E.CHETA - by NOBLEMAN - due July to son of FORTUNE

MERIT JOAN - Open Heifer by son of DEACON out of dau. of Super Star. Born 5/3/82.

WINNIE - good Grade by CHOICE - Bred Heifer due in August

YEARLING BULL - LEADER ORAN OF HARWICK - Born April 26, 1982 - by son of MAVERICK out of a Choice with 16295-629-at 3 yrs. Dam is milking 90# a day this lactation.

LEADERS FUTURE PATRICIA - by FAYES FUTURE out of a L.M.R. Prince - Fresh 3/28

For catalogs, write or call ED.TOWNSEND, 4429 Sunset Drive, Syracuse, N.Y. 13215 - Tel. 315-492-2578

TERMS: Cash or Good Checks The Day of Sale. No Animal Shall be Removed from Sale Barn Until Settled For.

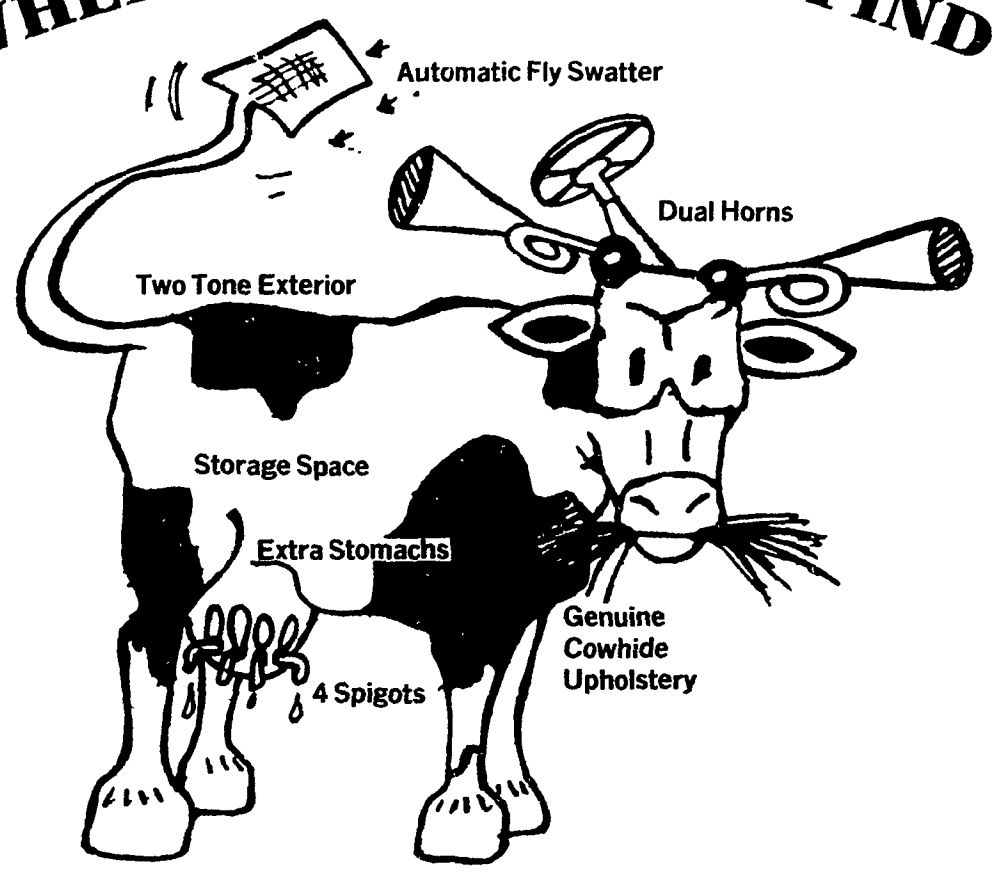
Sale Managed By
CORTLAND GUERNSEY SALES
BARN PHONE — 607-836-6661

Ed. Townsend - Catalogs
315-492-2578

Wm. Cochran, Assisting
A.G.C.C.

A.V. ZOGG, Jr. - Auctioneer
Tel — 607-753-0004

WHERE ELSE CAN YOU FIND



SO MUCH... FOR SO LITTLE!

MELVIN KOLB, INC.

JUNE DAIRY MONTH SALE

THURSDAY, JUNE 16, 1983

at 7:30 P.M.

Location: At my Maryland Farm, located ½ mile northwest of Woodsboro on Route 550 in Frederick County.

FRESH COWS
FRESH HEIFERS
CLOSE SPRINGING COWS

150 HEAD

PUREBRED COWS
PUREBRED HEIFERS
CLOSE SPRINGING HEIFERS

40 head of real fancy PUREBRED cows, some with Ex classifications and with good records and pedigrees;
35 PUREBRED first calf heifers, large in size and of the best quality;
40 head of big fancy GRADE cows;
35 head of first calf GRADE heifers.

There will be many top Purebreds not listed in this ad. Some of these cows are milking 80 to 100 lbs. per day. Plus, many of the first calf heifers are milking 60 lbs. per day.

SPECIAL MENTION:

A 2 yr. old Hanover-Hill Triple Threat-Red daug. Dam a Fleetridge Monitor daug. G.P. with 17,710 milk, 619 fat.
A Very Good Hanover-Hill R Country Boy, as 2 yr. old 305 dys, 12,240 milk 3.8 test, 468 fat.
A G.P. Kanzabrook Matt Carlo daug. bred to Glenn Valley Star. Her Dam is an Elevation V.G. with 24,000 lb. milk.
A Barrett Ranch Ivan Rockman daug. due in Aug. Dam with 27,045 milk, 865 fat.
A Hartsbrook Kenney Gem daug. Dam V.G. 88 with 19,666 milk, 657 fat. Next Dam G.P. 19,400 milk, 785 fat.
A Bis May Astro Jupiter daug. Dam G.P. 18,475 milk, 706 fat. Next Dam 24,220 Milk, 710 fat.

FARMERS, if you need milk, please don't miss this sale. There will be cows or heifers, Purebreds or Grades, to suit the most particular buyer. These cows were picked from the better herds in Wisconsin, Maine, New Hampshire, New York, Pennsylvania and Maryland.

Several Purebred heifer calves will also be sold.

FREE LUNCH FOR ALL DAIRY FARMERS

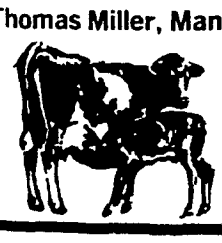
FREE TRANSPORTATION FOR LANC. COUNTY AMISH: Please call 569-2106 or 569-6800 for a ride to the Sale.

MELVIN KOLB, Sale Manager
ROBERT C. MULLENDORE, Auctioneer
HENRY KETTERING, Pedigrees
MEHRLE WACHTER, Clerk

PA FARM:
Dennis Kolb, Manager
MD FARM:
Thomas Miller, Manager

DAIRY PRODUCT DOOR PRIZES

To Be Given To Registered Bidders



GRAND PRIZE PUREBRED HEIFER CALF
Must be a buyer to be eligible & present to win.

Public Auction Register

WED AUGUST 31 - 1 PM PA Classic Ayrshire Sale, Guernsey Sale Barn, Lancaster, PA, Milt Brubaker, Sale Manager

SEPTEMBER

THURS SEPT. 1 - Monthly Cow Sale at Mel Kolb, Inc Lancaster Farm, 2220 Dairy Road, Lancaster, Pa

FRI. SEPT. 2 - 9 AM Public Auction of Machinery Located at the Belleville Livestock Market, Belleville, PA.

FRI. SEPT. 9 - 9 AM Public Fall Community Auction Located at Penns Valley Livestock Auction, Centre Hall, PA Ron Gilligan, Auctioneer.

FRI. SEPT. 9 - 5:30 PM Gap Auction. Antiques and Household Goods sold at every auction. Located off Rt. 41, Lancaster Turkey Hill Minit Market, cross RR bridge, Ira Stoltzfus & Son, Auctioneers

THURS SEPT. 15 - Monthly Cow Sale at Mel Kolb, Inc., Maryland Farm, Woodsboro, MD

FRI. SEPT. 16 - 7 PM Church of the Brethren Disaster Relief Heifer Auction Located at the Lebanon Co Fairgrounds Clair Kreider, Mgr.

FRI AND SAT. SEPT 16 and 17 - 7th Annual Disaster Relief Auction and Heifer Sale Located at the Lebanon Area Fairgrounds Church of the Brethren Atlantic Northeast Distrtict. Mark and Marty Hershey, Sale Chairman 717-626-5067.

FRI SEPT. 16 - 5 30 PM Gap Auction. Antiques and Household Goods sold at every auction Located off Rt 41, Lancaster Turkey Hill Minit Market, cross RR bridge, Ira Stoltzfus & Son, Auctioneers

FRI. SEPT 16 - 7 30 PM Public Auction of Registered Holstein Heifers. Located 2 mi. south of Atglen on Old Route 41, Chester Co, PA Benefit West Fallowfield Christian School. Kurtz, Petersheim and Stoltzfus, Auctioneers

FRI SEPT 16 - 6 30 PM. Consignment Sale of Feeder Pigs and Feeder Cattle. Held at Keister's Middleburg Auction Sales Inc., Rt 522, 3 mi east of Middleburg, 5 mi west of Selinsgrove, PA

SAT. SEPT. 17 - 10 AM Public Country Auction. Located 2 mi south of Atglen on Old Rt 41 Benefit West Fallowfield Christian School Kurtz, Petersheim and Stoltzfus, Auctioneers

FRI. SEPT 23 - 1.30 PM Public Auction of Cattle. Located at Penns Valley Livestock Auction, Centre Hall, PA. Ron Gilligan, Auctioneer.

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SAT. SEPT 24 - 11 AM Public Auction of Horses. Located at Keister's Middleburg Auction Sales, Inc., Rt 555, 3 mi east of Middleburg, PA, 5 mi. west of Selinsgrove, PA. Don and Walt Keister, Owners. Ray Long and Dave Imes, Auctioneers

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DEALER IN ALL KINDS OF LIVESTOCK
Also Crippled & Down Cattle
MARLIN S. IRWIN
Quarryville, PA
PH: 717-786-3016

BANKRUPTCY SALE
Wilmington, Del.
PHARMACY
WED., JUNE 22, 1983
Call or write for details
A.J. Matas, Auctioneer
916 French Street
Wilmington, DE 19801
(302) 652-3490
(302) 658-3846 (eve.)

OCTOBER

THURS. OCT 6 - Monthly Cow Sale at Mel Kolb, Inc Lancaster Farm, 2220 Dairy Road, Lancaster, Pa.

THURS. OCT. 20 - Monthly Cow Sale at Mel Kolb, Inc., Maryland Farm, Woodsboro, MD

FRI OCT 21 - 7 PM Public Auction of State Grade Feeder Calf Located at Penns Valley Livestock Auction, Centre Hall, PA Ron Gilligan, Auctioneer

FRI. OCT. 21 - 6 30 PM Consignment Sale of Feeder Pigs and Feeder Cattle Held at Keister's Middleburg Auction Sales Inc., Rt. 522, 3 mi. east of Middleburg, 5 mi west of Selinsgrove, PA

FRI OCT 28 - 1.30 PM Public Auction of Fall Dairy and Heifer Located at Penns Valley Livestock Auction, Centre Hall, PA Ron Gilligan, Auctioneer

SAT OCT. 29 - 11 AM Public Auction of Horses Located at Keister's Middleburg Auction Sales, Inc., Rt. 555, 3 mi. east of Middleburg, PA, 5 mi west of Selinsgrove, PA Don and Walt Keister, Owners Ray Long and Dave Imes, Auctioneers

NOVEMBER

FRI. NOV 4 - Monthly Cow Sale at Mel Kolb, Inc. Lancaster Farm, 2220 Dairy Road, Lancaster, Pa.

MON. NOV 12 - 3 P.M. Hubert Charolais Ranch Production Sale. Located at the ranch, Monument, KS Managed by Garey Cattle Sales, Inc., 100 Walnut Lane, Morrisville, PA 19067.

THURS. NOV. 17 - Monthly Cow Sale at Mel Kolb, Inc , Maryland Farm, Woodsboro, MD

FRI NOV. 18 - 6:30 PM Consignment Sale of Feeder Pigs and Feeder Cattle. Held at Keister's Middleburg Auction Sales Inc , Rt 522, 3 mi. east of Middleburg, 5 mi west of Selinsgrove, PA.

FRI NOV 25 - 1 30 PM Public Auction of Cattle Located at Penns Valley Livestock Auction, Centre Hall, PA. Ron Gilligan, Auctioneer

SAT NOV 26 - 11 AM Public Auction of Horses Located at Keister's Middleburg Auction Sales, Inc , Rt. 555, 3 mi east of Middleburg, PA, 5 mi. west of Selinsgrove, PA Don and Walt Keister, Owners Ray Long and Dave Imes, Auctioneers.

DECEMBER

FRI. DEC 2 - Monthly Cow Sale at Mel Kolb, Inc Lancaster Farm, 2220 Dairy Road, Lancaster, Pa.

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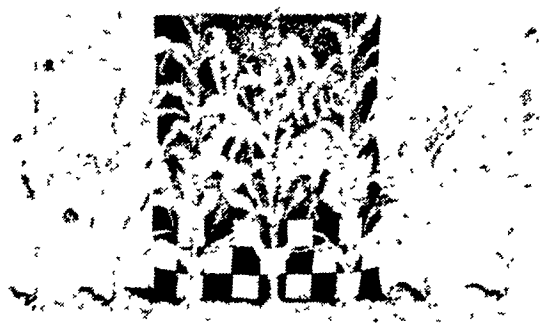

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